

**1st November, 1904**

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manthor  
[§§ 12421 to 12468.]

[Issued with Army Orders, dated 1st November, 1904.]

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LIST  
OF  
CHANGES IN WAR MATÉRIEL  
AND OF  
PATTERNS OF MILITARY STORES

WHICH HAVE BEEN APPROVED AND SEALED;

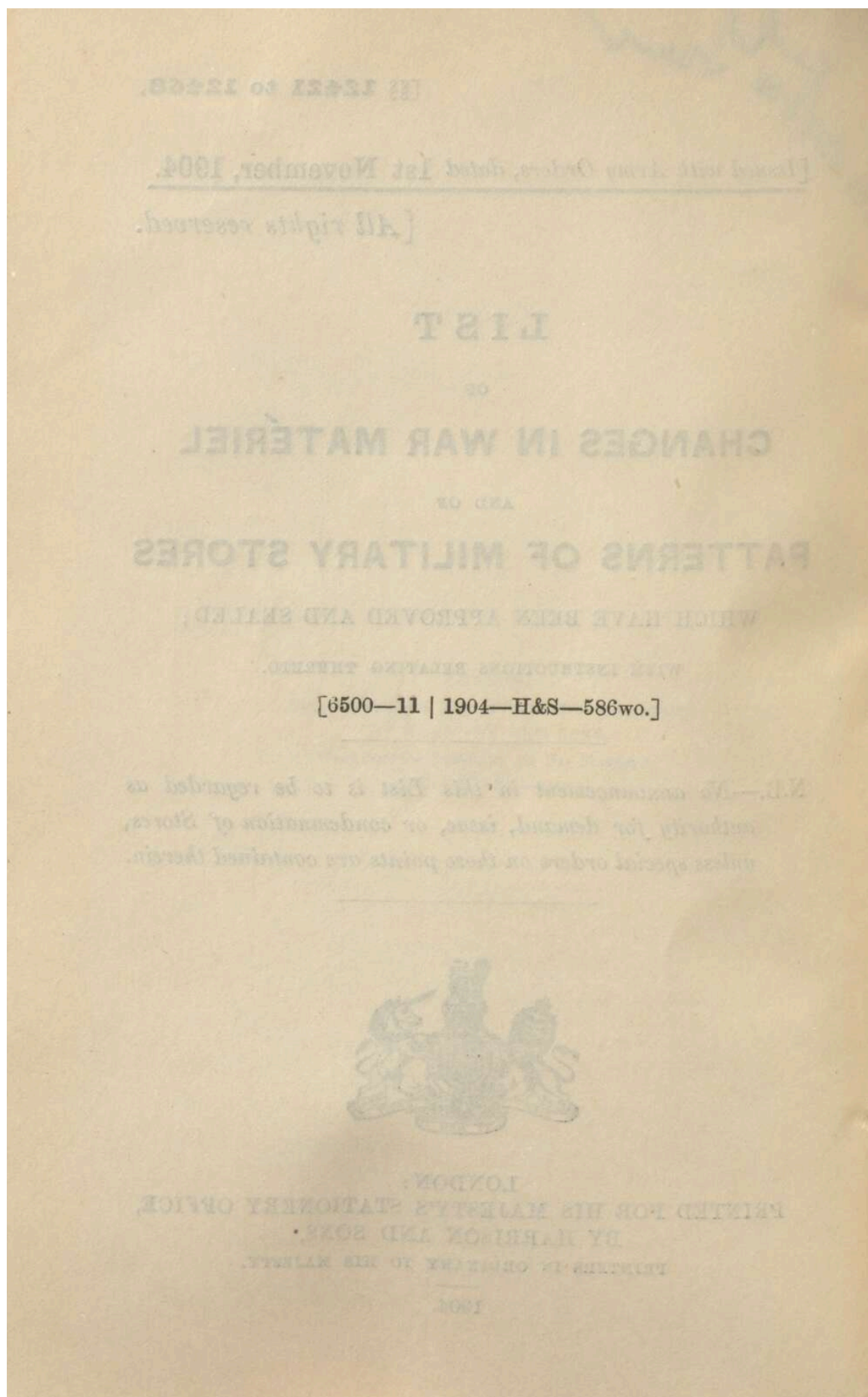
WITH INSTRUCTIONS RELATING THERETO.

N.B.—No announcement in this List is to be regarded as authority for demand, issue, or condemnation of Stores, unless special orders on those points are contained therein.



LONDON:  
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,  
BY HARRISON AND SONS,  
PRINTERS IN ORDINARY TO HIS MAJESTY.

1904.



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Drift, pin fixing stud; head catch; slide, sight, back.		
Scriber, tool, sight line.. ..		
Tool, removing plate—		
Keeper, screw, windgauge ..		
Tool, sight line .. .. .		
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Article.	Para.	Page.
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955 1st November, 1904.  
[§§ 12421 to 12468.]

(WEEDON SECTION.)

12421.—Aim corrector. (Mark II.) | C | All .303-inch and .45-inch  
rifles and carbines.

A pattern of the above-mentioned aim corrector (see drawing below) has been sealed to govern future manufacture.

22nd July 1904.

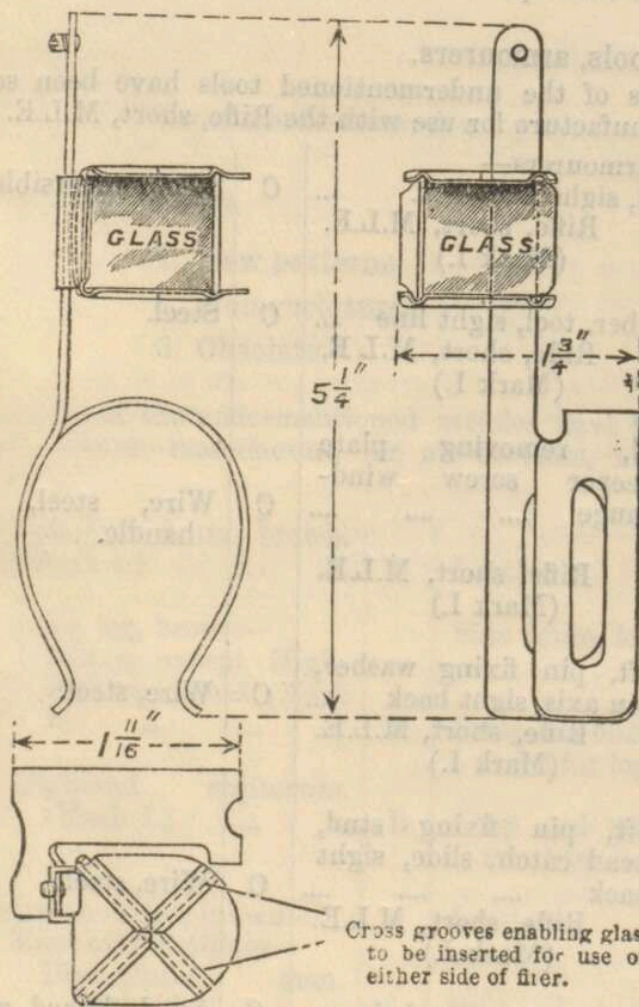
15th Sept. 1904.

57

Gen. No.

5258

Scale  $\frac{1}{2}$ .



Plan.

It differs from the Mark I., described in § 6328, in the following manner:—

(586)

A

956

The bow is made in the form of a spring clip, to fit over the handguard, barrel, and fore-end of the arm.

The box is arranged so that the glass, the tint of which is deeper than that of the Mark I., may be placed in two positions at an angle of 45 degrees with the axis of the barrel, thus enabling the aim corrector to be used, and the instructor to stand on the right or left of the arm when aim is being taken.

The aim corrector can be used with either long or short rifles.

"Aim correctors, Mark I.," will become obsolete as soon as the stock is used up.

#### 12422.—Tools, armourers.

3rd Aug. 1904.

57

Gen. No.

5580

Patterns of the undermentioned tools have been sealed to govern manufacture for use with the Rifle, short, M.L.E. :—

##### Tools, armourers—

Tool, sight line	....	C	Steel ; reversible.
Rifle, short, M.L.E.			
(Mark I.)			
Scriber, tool, sight line	....	C	Steel.
Rifle, short, M.L.E.			
(Mark I.)			
Tool, removing plate			
keeper screw wind-			
gauge	....	C	Wire, steel, circular
			handle.
Rifle, short, M.L.E.			
(Mark I.)			
Drift, pin fixing washer,			
pin axis, sight back	....	C	Wire, steel.
Rifle, short, M.L.E.			
(Mark I.)			
Drift, pin fixing stud,			
head catch, slide, sight			
back	....	C	Wire, steel.
Rifle, short, M.L.E.			
(Mark I.)			
Driver, screw, nut, bolt	....	C	Steel, forked, with wood
			handle.
Sword - bayonet,			
pattern 1903.			
(Mark I.)			

957

The "Tool, sight line," and "Scriber, tool, sight line," are for use of armourers when re-lining the wind-gauge and fine adjustment of the back sight of Rifles, short, (M.L.E.) The tool is reversible, so that the lining may be done from both sides of the leaf, to ensure the line being central. When re-lining with the above tools after re-blueing, particular care should be taken that the deep machine cut lines on wind-gauge and fine adjustment are opposite each other.

To use the "Tool, removing, keeper plate, wind-gauge screw," remove fine adjustment keeper screw, and fine adjustment with wind-gauge, insert the tool in extracting hole of the keeper plate, and lift out.

(WOOLWICH SECTION, No. 1.)

#### 12423.—Accoutrements.

1. New patterns.

2. Nomenclature.

3. Obsolete.

1. Patterns of the undermentioned articles have been sealed to govern future manufacture for all services, except Foot Guards :—

4th July 1904.

57

Vocabulary

6232

Apron, bass drum, brown. (Mark I.)	....	....	L	Leather.
Aprons, leg, brown— Infantry, except High- land regiments. (Mark I.)	....	....	L	Side drum, leather. Strap and buckle attach- ment for leg.
Highland regiments. (Mark I.)	....	....	L	Loop and stud attach- ment for belt.
Belts, shoulder, brown— Mountain Artillery— Dismounted men. (Mark I.)	....	....	L	Leather. With attached frog.
Mounted men. (Mark I.)	....	....	L	With stud attachment for belt.

(586)

A 2

Belts, waist, brown—			Leather.
Mountain Artillery.			
(Mark I) ....	L		Mounted men, with plate and detachable frog.
Loop, brown, dirk. (Mark I.)....	L		Leather, Highland regiments.
Cases—			
Flute—			
B, Mark II. ....	L		10½ inches by 3 inches by 1¼ inches
F, Mark II. ....	L		8½ inches by 4¼ inches by 1¼ inches
Piccolo, Mark II. ....	L		8 inches by 2¾ inches by 1¼ inches

Brown leather.

They are generally identical with the buff equipment, with the following exception:—

Belt, waist, brown, Mountain Artillery.

This differs from the previous pattern (§ 8370) in being made of one piece, with two dees riveted on to take straps of frog, instead of in three pieces with two brass rings.

2. Consequent on the introduction of articles in brown leather, the nomenclature of the "Aprons, buff," on page 83 of Priced Vocabulary of Stores, 1902, has been amended to read as now shown:—

Apron, bass drum, buff ....	L	Leather.
Apron, leg, buff—		Side drum, leather.
Infantry, except Highland regiments ....	L	Strap and buckle attachment for leg.
Highland regiments ....	L	Loop and stud attachment for belt.
Frog, brown, sword ....	L	Leather, 7¾ inches, with loop, R.A.M.C.
Frog, buff, sword ....	L	Leather, 7¾ inches, with loop, R.A.M.C.
Knot, sword, brown, G.S. ...	L	Flat, with acorn.

The nomenclature of "Frog, brown, sword, pioneers" (§ 4855), and "Frog, buff, sword" (§ 10258), has also been amended to read as shown.

959

The "Knot, sword, brown, Infantry" (§ 4855) will be re-sealed as now described, and be issued for all services, except Household Cavalry.

3. The following articles will become obsolete :—

Belt, waist, black, transport serjeants, rifle battalions	L	Leather.
Belts, waist, buff—		
Cadets—		
Sandhurst—		
With locket ....	L	
Without locket ....	L	
Woolwich ....	L	With plate.
Mountain Artillery ....	L	Mounted men, with plate and detachable frog.
Under officers—		
Sandhurst ....	L	With locket } Carriages
Woolwich ....	L	With plate } & billets.
Frogs, black, sword ....	L	7 $\frac{3}{4}$ inches, with loop, pioneers.
Knot, sword, black ....	L	Leather, with runner.
Knot, sword, black, transport serjeants, rifle battalions ....	L	Leather, flat, with runner and brass button.
Knot, sword, brown—		Leather, with runner.
Military Mounted		
Police—		
S.S. ....	L	Plaited, with acorn.
O.R. ....	L	Flat, with brass button.
Knot, sword, buff—		With runner.
Cavalry, line, O.R. ....	L	and all ranks, H. and F. Artillery.
Warrant officers ....	L	and S.S.
Loop, buff, drum carriage	L	With buckle for O.P. carriage.
Pouch, ammunition, black, Artillery, Mark II. ....	L	Leather, 20 rounds, with gun ornament, limber gunners.

Existing stocks will be used up with the exception of the two last named, which being no longer required will be returned to store.

(586)

A 3

960

12424.—Bandolier, 90 rounds.  
(Mark I.) .. .. L | Brown leather, with nine  
pockets, double buckle  
and runner.

29th Sept. 1903.

54

Cavalry

464

A pattern of the above-mentioned bandolier has been sealed to govern future manufacture for mounted services.

It is made of brown leather, and is shaped as shown in the accompanying drawing (pages 961, 962).

The pockets are made to carry 10 rounds of ammunition in two chargers. A small guard strap to prevent the second charger from falling out when the first has been withdrawn, is fitted to each pocket as in § 12389. No steadying strap is fitted to this bandolier.

16th Sept. 1904.

V

8 | 94

298

12425.—Belt, lineman. (Mark I.) | L | With frog and runner.

A pattern of the above-mentioned belt has been sealed to govern manufacture for use of R.E. telegraph linemen.

It is provided with a frog for carrying a pair of pliers, and a runner with swivel for carrying a knife.

12426.—Belt, waist, brown :—

Cavalry—

S.S. (Mark I.) .. L

Leather.

Gilt furniture with snake  
hook, all W.O. and  
S.S. carrying Cavalry  
swords.

O.R. (Mark I.) .. L

Brass furniture with  
snake hook, all other  
mounted men carrying  
Cavalry swords.

## 1. New patterns.

Belts, waist, brown—

Military Mounted

Leather.

Police .. .. L

Pistol, Cavalry.. .. L

Belts, waist, buff:—

Cavalry, pattern 1885—

S.S. .. .. L

Gilt furniture with snake  
hook, all W.O. and  
S.S. carrying Cavalry  
swords.

O.R. .. .. L

Brass furniture with  
snake hook, all other  
mounted men carrying  
Cavalry swords.

27th Aug. 1904.

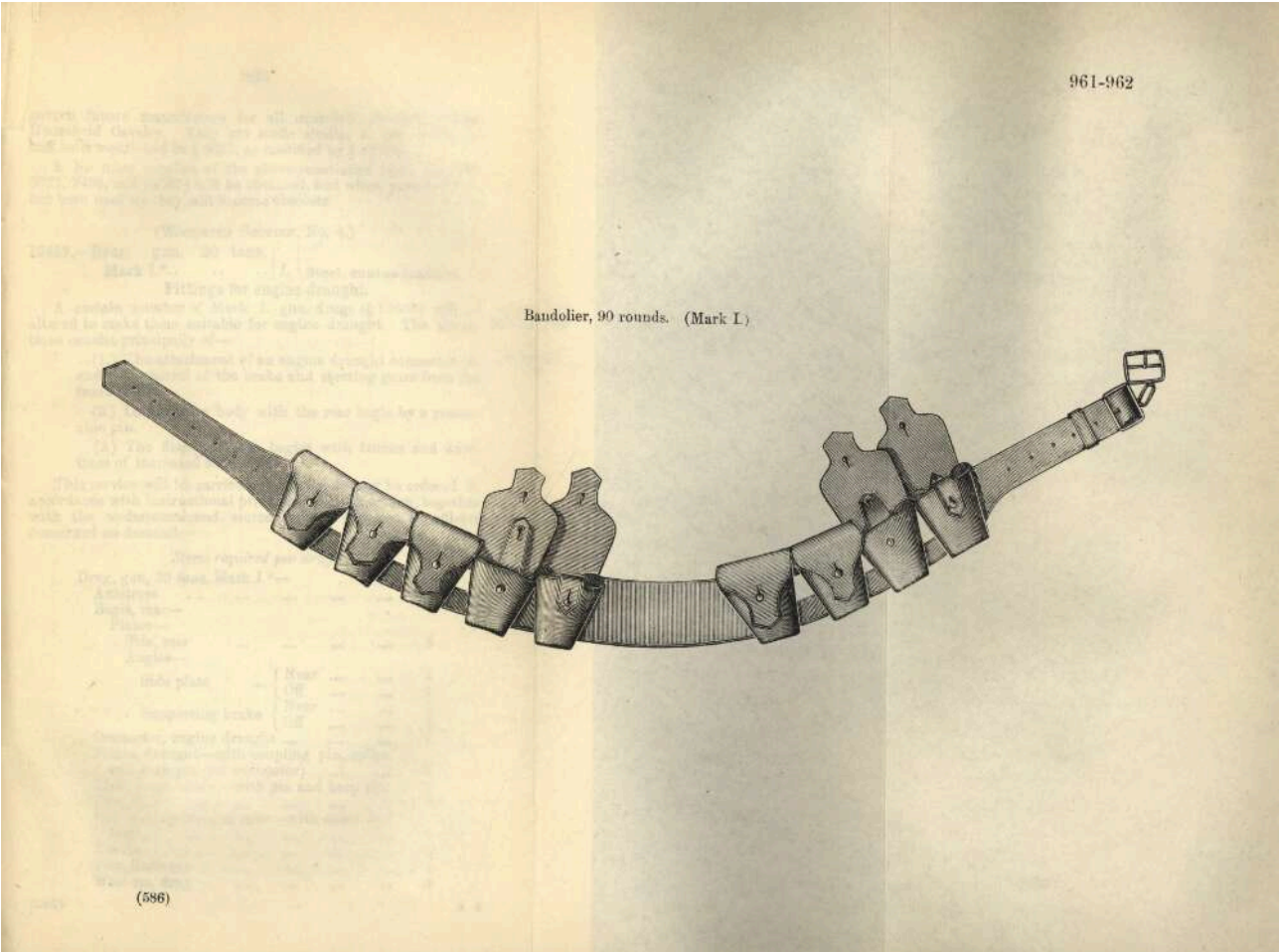
54

Gen. No.

9538

## 2. To become obsolete.

1. Patterns of the above-mentioned belts have been sealed to



963

govern future manufacture for all mounted services, except Household Cavalry. They are made similar to the Mark II. buff belts mentioned in § 5377, as modified by § 10765.

2. No more supplies of the above-mentioned belts (§§ 3597, 5377, 7496, and 10765) will be obtained, and when present stock has been used up they will become obsolete.

(WOOLWICH SECTION, No. 4.)

12427.—Drug, gun, 30 tons,  
Mark I.\*. . . . . L Steel, engine draught.  
Fittings for engine draught.

A certain number of Mark I. gun drugs (§ 10805) will be altered to make them suitable for engine draught. The alterations consist principally of—

4th Sept. 1903.  
16th Jan. 1904.

57

Portsmouth  
5595

(1.) The attachment of an engine draught connector to, and the removal of the brake and steering gears from the front bogie.

(2.) Locking the body with the rear bogie by a removable pin.

(3.) The fitting of both bogies with trucks and axletrees of increased dimensions.

This service will be carried out locally, as may be ordered in accordance with instructional print, R.C.D./1118, which, together with the undermentioned stores, will be supplied to officers concerned on demand—

*Stores required per drug.*

Drug, gun, 30 tons, Mark I.*—				No.
Axletrees	....	....	....	2
Bogie, rear—				
Plates—				
Side, rear	....	....	....	2
Angles—				
Side plate	....	{ Near	....	1
		{ Off	....	1
Supporting brake	....	{ Near	....	1
		{ Off	....	1
Connector, engine draught	....			1
Joints, draught—with coupling pin, collar, and keep pin (for connector)	....			2
Link, brake screw—with pin and keep pin	....			1
Pins, lynch	....			4
Pin, locking steering gear—with chain and loop	....			1
Trucks	....			4
Ties, lynch pin	....			4
Washers, drag	....			4

(586)

A 4

Rivets, stell, bosshead—	No.
inch by $1\frac{3}{4}$ inches ....	126
inch by $2\frac{1}{2}$ inches ....	46
inch by $5\frac{1}{2}$ inches ....	56

Drugs so altered will be known as Mark I.\* and a star (\*) will be added to the numeral on the inscription plate.

On completion of the work the following articles will be returned to store for transmission to Woolwich:—

Drug, gun, 30 tons, Mark I.—

Bogies—

Bracket, handwheel, shaft, steering—	No.
Double bearing ...	G.M., with oil screws and fixing bolts ... 1
Single bearing ...	G.M., with oil screws and fixing bolts ... 1
Bracket, worm ....	G.M., with brass cover, oil screws and fixing bolts ... 1
Gear, brake—	
Bar, brake ....	Steel, with guide, washers and rivets, and 2 bolts securing brake blocks ... 1
Block, brake—	
Left ....	Wood, with screws ... 1
Right ....	Wood, with screws ... 1
Guard, spur wheels ....	G.M., with fixing bolts and screws ... 1
Pinion, spur ....	Steel, 12 teeth ... 1
Pin, connecting brake screw ....	Steel, with keep pin ... 1
Screw, brake ....	Steel ... 1
Shaft, handwheel ....	Steel, with collars and keep pins ... 1
Wheel, hand ....	Steel, with keep pin ... 1
Wheel, spur ....	G.M., 30 teeth with collar and keep screw 1
Gear, steering—	
Guard, spur wheels ....	G.M., with fixing bolts 1
Pinion, spur ....	Steel, 12 teeth ... 1
Shaft, handwheel ....	Steel, with collars and keep pins ... 1
Shaft, worm ....	Steel, with collars and keep pins ... 1
Wheel, hand ....	Steel, with keep pin ... 2
Wheel, spur ....	G.M., 30 teeth ... 1
Wheel, worm segment ....	G.M., 22 teeth with fixing bolts ... 1
Worm ....	Steel ... 1

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(WOOLWICH SECTION, No. 7.)

12428.—Chests, tool, empty, tele-  
graph mechanics—

No. 2.

No. 3.

No more to be provided.

Existing No. 2 chests to be known as  
No. 2A.Tools, telegraph me-  
chanics, set 1.Chests tool, empty, tele-  
graph mechanics—

No. 1	..	..	..	2 feet by 2 feet by 1 foot 6 inches, fitted with 14 drawers to contain the smaller tools and stores.
-------	----	----	----	--

No. 2	{	Mark I.	..	3 feet 8 inches by 2 feet 10 inches by 1 foot 11 inches, to contain lathe in pieces.
-------	---	---------	----	---

		Mark II.	..	3 feet 6 inches by 2 feet 6 inches by 1 foot 9 inches, to contain lathe in pieces.
--	--	----------	----	---

**Nomenclature.**

No more of the above-mentioned No. 2 (now No. 2A) and No. 3 chests (§ 4589) will be provided, and as soon as the existing stock is used up those patterns will be regarded as obsolete.

The stores hitherto packed in these chests, and other stores which are not contained in No. 1, and No. 4 (now No. 2) chests, will be conveyed in ordinary packing cases according to the transport available; these stores will be arranged so that those of the same description shall be placed in the same case. The cases are to be stencilled with the nature of the contents, and a complete list of contents is to be placed inside each case.

Consequent upon this decision—

- (1.) A complete set of telegraph mechanics tools will be known under the nomenclature of "Tools, telegraph mechanics, set 1," as shown above, and not as "Chests, tool, filled, telegraph mechanics, sets of 4," mentioned at page 258, Priced Vocabulary of Stores, 1902.

19th July 189

28th Sept. 189

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Gen. No.

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15th Nov. 189

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- (2.) The "Chests, tool, empty, telegraph mechanics, No. 4," will, in future, be known as "No. 2," and the existing No. 2 chest (§ 4589) as "No. 2A," and will be so marked locally.
- (3.) The nomenclature, and details appended thereto, of the Nos. 1 and 2 chests for telegraph mechanics tools will now be as detailed above.
- (4.) A complete set of telegraph mechanics tools will (when the existing stock of No. 2 (now No. 2A) and No. 3 chests have been used up) be packed in—

## Chests—

No. 1 .... For small tools.

No. 2 (formerly No. 4).... For lathe.

Packing cases .... For remainder of tools and materials

(WOOLWICH SECTION, No. 13.)

12429.—Carriage, field, Q.F.,  
15-pr., Mark I. .. L |

Strengthened pattern gun layer's seat.

23rd Aug. 1904. The gun layer's seat of carriages of the above-mentioned  
13th Sept. 1904. description (§ 10726) will, in future manufacture, be of a  
71 strengthened pattern, and formed so as to be 2 inches higher  
1 than the existing seat.

3322

Existing carriages will be fitted with the strengthened seat  
locally, on the present pattern becoming unserviceable, any old  
pattern seats in store being first used up.

(WOOLWICH SECTIONS, Nos. 14 AND 16.)

12430.—Ordnance, Q.F. .... L |

1. "Screws, preserving," fitted to breech screws  
and carriers of Q.F. 6-inch B, 4.7-inch B, and  
12-pr. Land Service guns respectively, and  
nomenclature amended accordingly.

Gear, electric firing .. L |

2. New pattern "A" cables.

10th Oct. 1903.

73

3

2820

1. A drawing (R.G.F./10887/23) of the undermentioned  
contacts and cables has been approved to govern manufacture,

for use with Q.F. 6-inch B, 4.7-inch B, and 12-pr. guns in Land Service, except Q.F. 4.7 inch B guns on travelling carriages:—

Ordnance, Q.F.—

Contacts, electric, safety firing. (Mark I.) ....	L	Consisting of breech screw contact with bracket and 2 fixing screws, and 2 locking plates each with fixing screw, contact piece, insulating block, and holder with nut and spiral spring; carrier contact with bracket and 2 fixing screws, and 2 locking plates each with fixing screw; upper and lower contact pieces, insulating block in 2 parts and fixing screw; and elbow piece; 6-inch B, 4.7-inch B (except guns on travelling carriages), and 12-pr.
---	---	--

Cables, electric, safety firing—

		Wire braided M.1 with forked contact, insulating bush in 2 parts, washer, cable collar, securing nut, case, and retaining nut; plug contact, insulating bush in 2 parts, washer, cable collar, securing nut, case, and retaining nut.
6-inch B. (Mark I.)....	L	Length between retaining nuts 16 inches.
4.7-inch B. (Mark I.) ...	L	Length between retaining nuts 10.5 inches.
12-pr. (Mark I) ....	L	Length between retaining nuts 9.3 inches.

The contacts will be fitted to the outer face of the breech screw, and the upper side of the carrier, respectively, in such a manner as to make electric contact with each other when the breech screw is in the locked position. The contact on the breech screw is connected by an electric-firing cable to the outer end of the needle of the striker in the gun.

Existing guns of the above-mentioned description (including spare breech screws, and carriers) in Land Service, except Q.F. 4.7-inch B guns on travelling carriages, will be fitted with contacts and cables described above, locally, in accordance with the instructional prints detailed below, which, with the under-mentioned stores and tools, will be supplied to officers concerned on demand.

The fixing and preserving screws are all issued the same length; but one of the screws (fixing and preserving) for Q.F. 12-pr. guns will require to be shortened .3 inch to suit the carrier.

The carriers and breech screws (component and spare) belonging to Q.F. 4.7-inch B guns on travelling carriages will be fitted for, but not with, the contacts, the holes for fixing screws in the breech screw and carrier being fitted with preserving screws.

Preserving screws will also be provided for all the above-mentioned guns when fitted with "Contacts, electric, safety firing," and the details appended to the nomenclature of the carriers and breech screws have been amended accordingly.

The preserving screws will be issued with the guns and fittings and will be retained in store when the contacts are in position on the carrier and breech screw.

#### *Instructional prints.*

Q.F., 6-inch B—R.G.F./10918/31	....	As required.
Q.F., 4.7-inch B—R.G.F./10830/86	....	As required.
Q.F., 12-pr.—R.G.F./10864/51	....	As required.

#### *Stores.*

Contacts, electric, safety firing....	1	} Per carrier and breech screw.
Screws, preserving ....	4	
Cables, electric, safety firing ....	1	Per breech screw.

#### *Tools.*

Jig, with fixing screw for breech screw ....	1	} As required.
Jig, with set screw for carrier ...	1	
Drill, .2 inch diameter ...	1	
Pin bit, .2 inch and .25 inch diameter ....	1	

2. In future, "A" cables of the undermentioned description will be issued with the electric-firing gear for 12-pr., 4.7-inch, and 6-inch Q.F. garrison carriages:—

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Gear, electric-firing :—

Cables—

A—

No. 4, Mark II.

....

L

Wire braided M.1, with connections from gun to sliding contact (white).

Carriages, garrison, Q.F., 4·7-inch, Marks I.\*, II., III. and IV.

No. 6, Mark II.

....

L

Carriages, garrison, Q.F., 4·7-inch, Mark V.

No. 7, Mark II.

...

L

Carriages, garrison, Q.F., 12-pr., including 32 degrees depression.

No. 12, Mark I.

....

L

Carriages, garrison, Q.F., 6-inch, Marks I. and II.

They differ from the "A" cables mentioned in §§ 10939, 11615, in having a pin connection at both ends instead of a forked contact at one end and a pin connection at the other as hitherto.

The "A" cables on existing 12 pr., 4·7-inch, and 6-inch Q.F. mountings will be removed, and replaced by cables of the pattern described above, so soon as the contacts for Q.F. ordnance described in paragraph 1 have been fitted, for which purpose "A" cables of the above-mentioned description will be supplied as may be required to officers concerned on demand.

Consequent upon the introduction of the No. 12 "A" cable for Q.F. 6-inch, Marks I. and II., the details appended to the nomenclature of the No. 3 "A" cable (§ 11615) have been amended by the deletion of "and Q.F. 6-inch, Marks I. and II."

On removal, the existing elbow pieces will be brought to produce locally; the "A" cables will be returned to store for transmission to Woolwich.

(WOOLWICH SECTION, No. 14.)

12431.—Pump, air or liquid.

(Mark I.)

..

..

L

With stand, canvas cover, 4 connecting pipes, 4 adapters (1 "A" and 3 "B"), and 4 spanners (Nos. 157 to 160); charging reservoirs and H.P. mountings.

Cover, pump, air or liquid. (Mark I.)

..

..

L

Canvas.

Cover to protect pump.

Nomenclature.

A pattern of the above-mentioned cover has been approved to govern manufacture.

30th July 1904

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It is made of canvas, and is used to prevent the ingress of dirt and grit into the working parts of the air or liquid pump (§ 8343).

Officers having "Pumps, air or liquid" on their charge will put forward demands for canvas covers as may be required.

Consequent on the foregoing, the detail appended to the nomenclature of the air or liquid pump has been amended as shown above.

(WOOLWICH SECTION, No. 15.)

12432.—Carriage, field, Q.F.,

1-pr.—

Mark I. .. ..

L

Steel; without shield; with ammunition box bracket, pocket cleaning rod, and traversing handspike No. 10.

Mark II, .. ..

L

Steel; without shield; with ammunition box bracket, two pockets (tools and cleaning rod), and traversing handspike No. 12.

Nomenclature.

th June 1904.

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The shields for use with Q.F. 1-pr. guns (§ 10949) will be regarded as separate stores.

The details appended to the nomenclature of the carriages (§§ 10925, 11865) have therefore been amended as shown above.

12433.—Carriage, siege, B.L.,

6-inch, 30-cwt., how-

itzer, Mark I. .. ..

L

Steel; with cradle and pump.

Buffer, anchoring, B.L.

6-inch 30 cwt. how-

itzer carriage, Mark I. .. ..

L

Anchoring buffer to be regarded as a separate store.

th Feb. 1904.

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In future, the anchoring buffer of the 6-inch 30-cwt. howitzer carriage (§ 8998) will not be regarded as a component of the carriage as hitherto, but will be dealt with as a separate store, and be so demanded.

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The anchoring buffer for travelling is carried with the "Platform, siege" (§ 8995), and is never to be in its stay, except when the howitzer is mounted on its firing platform.

Consequent on the foregoing, the nomenclature of the anchoring buffer, and the details appended to the nomenclature of 6-inch 30-cwt. howitzer carriage, have been arranged as shown above.

12434.—Gyn, triangle, light, to  
raise 2½ tons. (Mark I.) L Steel; without appur-  
tenances, 13½ feet.  
Trucks ... .. L Wood, 1 foot diameter.

A drawing (R.C.D./9884A) of the above-mentioned gyn has been sealed to govern manufacture. 25th April 19

The gyn which is for use with siege and heavy artillery and movable armament, is constructed to lift a maximum load of 2½ tons by means of a 3-ton differential tackle. It consists of two cheeks, a prypole, and a shackle connected by a head bolt; the cheeks and prypole are fitted with caps at the upper ends, and with foot sockets and loops for a bracing rope at the lower ends.

When erected for use the two cheeks at the foot socket should be 8 feet apart, and the foot of prypole 12 feet from the feet of the cheeks.

The trucks are special for the above-mentioned gyn; they are made of elm, 1 foot in diameter.

#### Weights.

Gyn (without appurtenances)	....	1 cwt. 3 qrs. 13 lb.
Trucks (3)	....	22½ lb.

12435.—Limber, siege, B.L.,  
6-inch 30-cwt. how-  
itzer, Mark I... L

"Box, tin, tube, electric."—Obsolete.

The use of Tubes, vent-sealing, electric, T, double wired, Mark I., having been discontinued with B.L. 6-inch 30-cwt. howitzers (§ 11483), the tin box for electric tubes, carried in limbers of the above-mentioned description will be regarded as obsolete.

The boxes will be brought to produce locally.

972

## 12436.—Tanks, water, Q.F.,

1-pr.—

No. 1. (Mark I.) .. L

Steel, galvanized; with  
filling-hole plug; Mark  
I. limbers.

No. 2. (Mark I.) .. L

Steel, galvanized; with  
filling-hole plug; Mark  
II. limbers.

## Nomenclature.

31st Dec. 1903.

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The nomenclature of water-tanks, carried with Q.F. 1-pr. Marks I. and II. limbers (§§ 10925, 11865), has now been arranged in numerical series, and will in future be as shown above.

(WOOLWICH SECTION, No. 16.)

## 12437.—Ordnance, Q.F.:—

6-inch B—

Carrier .. .. C

4·7-inch B, and 4-inch

Mark III.—

Carrier .. .. C

12-pr. 12 and 8 cwt.—

Carrier .. .. C

Repair to striker recess of worn carriers.

§§ 10455, 10535, cancelled.

9th April 1904.

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4568

With reference to §§ 10455, 10535 :—In future repair of carriers of the above-mentioned description, as therein described, the through bush will be made of steel instead of bronze.

This repair will be carried out as may be found necessary, as indicated below, for which purpose the undermentioned instructional prints and stores will be supplied to officers concerned on demand :—

*Land Service.*—Locally, by Army Ordnance Department.

*Naval Service.*—Locally, where the requisite machinery exists, when stock of bronze bushes is exhausted.

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*Instructional prints and stores.*

				Ordnance, Q.F.		
				6-inch B.	4 7-inch 1 and 4-inc. Mark III.	12-pr. 12 and 8 cwt.
<i>Instructional prints (as required)</i>				R.G.F.	R.G.F.	R.G.F.
Instructional prints ..				10852	10531	10888
				6A	2B	1B
<i>Stores per carrier.</i>						
Bush—steel ..	..	..	..	1	1	1
Screw, check—steel ..	..	..	..	1	1	1

§§ 10455, 10535 are hereby cancelled.

12438.—Ordnance, Q.F., 15-pr.,  
Mark I.—  
Breech block.. .. L

Hard steel piece to be fitted for "Catch,  
breech block."

With reference to § 10726 :—In order to prevent wear, breech blocks of the above-mentioned description will in future manufacture be fitted with a hard steel piece on the lower side of the recess for the reception of the retaining catch. The hard steel piece will be dovetailed into the rear face of the breech block and secured by four fixing screws.

The alteration of existing breech blocks will be carried out under instructions which will be issued hereafter from the War Office.

12439.—Ordnance, Q.F., 15-pr.,  
Mark I.—

Lever, breech  
mechanism.(Mark  
I.) .. .. L

Steel with nut, keep pin,  
and lubricating screw,  
retaining catch with  
axis pin, and flat  
spring with two fixing  
screws.

1. Oil hole, lubricating screw, and oil channel added.
2. Nomenclature.

1. With reference to § 10726 :—In future manufacture, breech

23rd April 1904.  
73  
4  
4775

19th June 1904.  
73  
4  
4831

mechanism levers of the above-mentioned description will be provided at the upper end with an oil hole and lubricating screw, and an oil channel will be prepared round the spindle of the lever to facilitate lubrication.

Existing levers will be modified locally by the Army Ordnance Department, in accordance with instructions issued from the War Office on the subject, and for this purpose instructional print, R.G.F./10984/50, and the undermentioned stores will be supplied to officers concerned on demand :—

*Stores supplied per breech mechanism lever.*

Screw, lubricating—steel....	....	....	....	No.
				1

2. The details appended to the nomenclature of the modified levers have been amended as shown above.

12440.—Ordnance, Q.F., 12-pr.  
18 cwt., Mark I. .. C Steel (wire construction).  
Distinguishing letter altered from "N" to "C."

21st July 1904.

73

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4888

With reference to § 12219 :—The use of the above-mentioned gun has been extended to Land Service, and the distinguishing letter has therefore been altered from "N" to "C" as shown above.

(WOOLWICH SECTION, No. 17.)

12441.—Ordnance, B.L., 6 inch,  
wire:—

Marks VII. and  
VII.V—

Guide, shot.

(Marks I.\*  
and II.) .. C

Mark VIII—

Guide, shot.

(Marks I.\*  
and II.) .. N

Manganese bronze,  
with two guide screws  
(1.3 inches and 1 inch  
diameters), catch  
retaining breech  
mechanism lever with  
bush, adjusting nut,  
spiral spring, nut,  
and keep pin.

Modification of Mark I. shot guides by  
fitting adjustable catch retaining  
breech mechanism lever.

17th Feb. 1904.

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In future manufacture, shot guides of the above-mentioned

description will differ from those described in §§ 9386, 10737, 10911 in the following particulars:—

The upper side of the shot guides will be fitted with an adjustable steel bush forming a seating for the breech mechanism lever retaining catch, and a steel adjusting nut will be screwed into the underside of the guides, engaging with the lower end of the bush. Corresponding serrations are provided on the bush and nut, which prevent the latter working loose during firing.

The bush, and retaining catch, will be adjusted so as to ensure the electric and percussion lock "F" being forced into such a position that, when the breech is closed and the breech mechanism lever home, the striker will make impact with the vent-sealing tube in the gun '01 inch above the centre of the tube.

New shot guides will be described as Mark II.

Existing shot guides will be altered, as may be found necessary, as indicated below, in accordance with the undermentioned instructional print, which, with the following stores, and tools, will be supplied to officers concerned on demand:—

*Land Service.*—Locally, by Army Ordnance Department.

*Naval Service.*—Locally, where the requisite machinery exists (*vide* Admiralty letter, dated 7th June, 1904, G. 7423/04).

*Instructional print.*

R.G.F./10810/158 .... As required.

*Stores per shot guide.*

Bush—steel .... 1  
Nut, adjusting—steel .... 1

*Tools.*

	For Naval Service.	For Land Service.
Drill, '75 inch diameter	....	1
Drill, pin { '75-inch and '95-inch	....	1
'95-inch and 1 2-inch	....	1
Taps, special (3 to a set) .... set	1	1

When altered as described above, Mark I. shot guides will be distinguished by the addition of a star (\*) to the Mark.

12442.— Ordnance, B.L., 6-inch,  
wire:—

Marks VII. & VII.V—

Lever, breech  
mechanism .. C

Mark VIII.—

Lever, breech  
mechanism .. N

§ 12206.—Modification extended to all  
existing breech mechanism levers.

4th Oct. 1904.

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With reference to § 12206:—The modification therein described has been extended to all breech mechanism levers of the above-mentioned description. This service will be carried out locally, and on board H.M. ships, in accordance with instructional print, R.G.F./10810/154, which will be supplied to officers concerned on demand. (*Vide* Admiralty letter 31. 10. 04, G. 14363/04.)

(WOOLWICH SECTION, No. 18.)

12443.— Cap, sponge, No. 6.

(Mark I.) .. .. C

11 inches by  $7\frac{1}{4}$  inches;  
No. 5 with loop; for  
cleaners, B.L., 10, 12,  
and 15-pr.; Q.F., 12-pr.  
8 cwt., and 2'95-inch;  
also bore brush, Q.F.,  
2'95-inch.

Extended use.

13th Aug. 1904.

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The use of the No. 6 sponge cap (§ 6995) having been extended to the B.L. 10-pr. and Q.F. 2'95-inch cleaner (§ 12444), the details appended to nomenclature have been amended as shown above.

12444.— Cleaner, piassaba, B.L.,

10-pr., and Q.F., 2'95-

inch and 15-pr. (Mark

I.) .. .. L

With rope lanyard and  
lead ball.

1. Extended use.

Cleaner, piassaba, Q.F.,

15-pr. .. .. L

Brush, bore, Q.F., 2'95-

inch .. .. L

2. No more to be provided.

25th July 1904.

73

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5298

1. The use of the piassaba cleaner, B.L. 10-pr. (§ 11002), having

977

been extended to Q.F. 2.95-inch and 15-pr. guns, the nomenclature has been amended as shown above.

2. Consequent on the foregoing, no more Q.F. 15-pr. piasaba cleaners or 2.95-inch bore (or piasaba) brushes (§ 11175) will be made, and so soon as the existing stock is used up those patterns will become obsolete.

#### 12445.—Hooks, boat—

Staves	large	..	L	18 feet.
	small	..	L	12 feet.

##### 1. Size and nomenclature.

#### Hooks, boat—

Staves	16 feet	..	L
	14 feet	..	L
	10 feet	..	L

##### 2. To become obsolete.

1. Only the above two sizes of staves for boathooks will in future be supplied, and the nomenclature will be as now shown. Any modification in length required will be adjusted locally.

2. No more staves of the above lengths will be obtained; existing stock will, however, be used up.

21st Sept. 1904.

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Gen. No.

580

#### (WOOLWICH SECTION, No. 20.)

12446.—Cartridge, S.B., B.L.,  
silk cloth, 32-pr., 3 lb.  
blank, L.G. (Mark I.) | L | Saluting.

(1.) To be used for saluting purposes only.

Use of "Blank L.G." instead of "R.L.G.?"

Cartridge, S.B., B.L.,  
drill, 32-pr., 3-lb. .. L

Shot, S.B., B.L., case,  
32-pr. .. .. L

(2.) Obsolete.

Consequent upon the use of S.B. B.L. 32-pr. guns having been restricted to saluting purposes—

(1.) The above-mentioned 3-lb. silk-cloth cartridge (§ 10741)

20th May 1904.

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28th Nov. 1902.

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Devonport

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will, in future, be filled with blank L.G. powder instead of R.L.G.<sup>2</sup> powder as hitherto. The nomenclature of the cartridge has been altered accordingly as shown above.

(2.) The above-mentioned 3-lb. drill cartridge (§ 4389) and case shot (§ 7258) will be regarded as obsolete, and will be dealt with accordingly.

(WOOLWICH SECTIONS, Nos. 20, 22A, AND 24.)

12447.—Marking filled cartridges. |

Addition to list of monograms.

20th Sept. 1904.

57

Gen. No.

5864

The following monogram will be added to the lists contained in §§ 7050, 7235, 9807, 9853, 10685 :—

PURFLEET .... Pt.

(WOOLWICH SECTION, No. 20.)

12448.—Puff, powder, 2-oz.

(Mark I.) .. .. L | Serge; indicating burst of shell.

1. New pattern.

Pin, puff, powder, 4 oz.

(Mark I.) ... .. L | Iron; also 2-oz. puff.

2. Extended use and nomenclature.

9th March 1904.

54

Artillery

1713

1. A pattern of the above-mentioned puff has been sealed to govern manufacture for Land Service, for instructional purposes in judging the distance of burst of projectiles.

The puff consists of 2 oz. blank L.G. powder, contained in a serge bag which is choked with worsted.

2. As the 4-oz. puff pin (§ 6429) is also suitable for use with the above-mentioned 2-oz. puff, the details appended to nomenclature of the pin have been altered as shown above.

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(WOOLWICH SECTIONS, Nos. 22, 22A AND 24.)

12449.—Cartridges, Q. F. or  
Q.F.C., drill—  
Primer dummy.  
(Mark IV.) .. C Steel; 6-inch, 4·7-inch,  
4-inch, 14-pr. and 12-pr.

## 1. Use of surplus steel adapters in lieu.

Cartridges, Q.F. or	
Q.F.C.—	
Adapters .. ..	C
Tubes, vent sealing, percussion, drill ..	C

## 2 To replace dummy primers for Land Service guns provided with V.S. tubes and adapters.

1. A pattern (design R.L. 13063) of the above-mentioned Mark IV. dummy primer has been sealed to govern future manufacture. [20th Jan. 1904.]

It is made to the form and dimensions shown on the accompanying drawing (page 980), and differs from the Mark III. (§ 9197) principally in being made of steel instead of brass, in being solid with a hole in the head  $\frac{1}{4}$  inch diameter by  $\frac{1}{4}$  inch deep, and in being blacked all over.

Surplus steel adapters may be used in lieu of dummy primers for drill purposes as follows :—

*Land Service.*—With such guns as are equipped with Service electric primers.

*Naval Service.*—With all Q.F. or Q.F.C. guns, 12-pr. and above, until stock is used up.

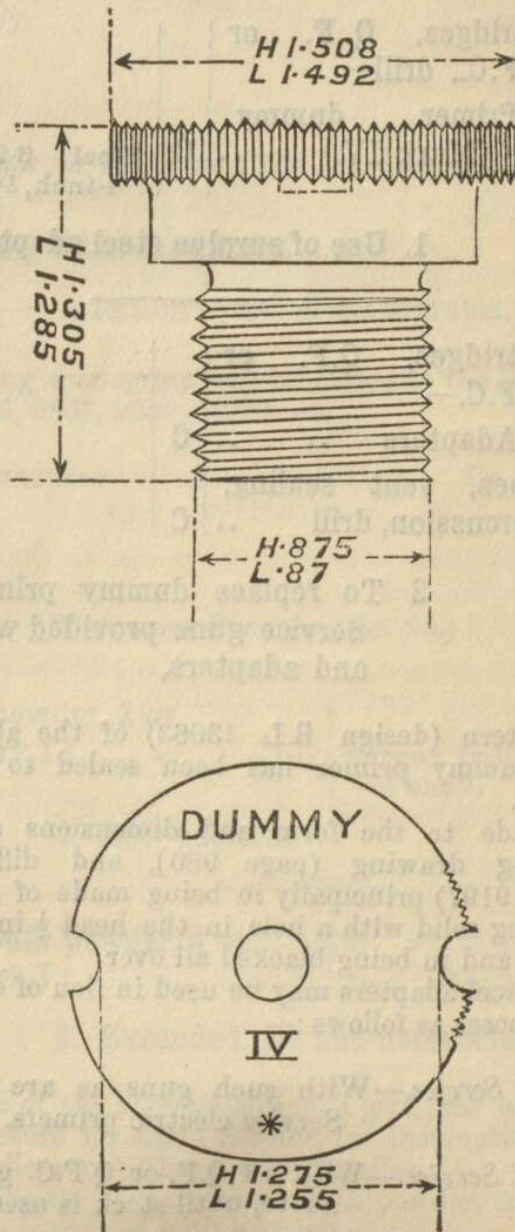
2. In Land Service, dummy primers will be replaced by V.S. percussion drill tubes and adapters for drill purposes with such guns as are provided with V.S. tubes and adapters for Service requirements.

84
C
4007
57
16
3691
9th Aug. 1904.
75
12
4623

980

Primer, dummy. (Mark IV.)

Scale, full size.



981

## (WOOLWICH SECTION, No. 23.)

12450.—Cartridge, aiming rifle,  
1-inch, electric. (Mark  
V.M) .. .. C

Key, inserting and re-  
moving primer, car-  
tridge, aiming rifle,  
1-inch, electric. (Mark  
I.) .. .. C Steel.

Marks IV.M and V.M fired cases to be returned  
to Woolwich.

§ 10845 amended.

Drawings (C.I.W. 714 and M.T. Co. 1309 respectively) of the  
above-mentioned cartridge and key have been sealed to govern  
future manufacture.

The cartridge differs from the previous pattern (§§ 9056, 9517,  
11582) in having a stronger case with shorter seating for primer,  
and in the primer hole being screwed and fitted with a screwed  
primer.

The bullet is partly covered with two turns of fine white  
paper. (Certain issues have been made of Mark IV. cartridges  
with this modification.)

The cases of fired cartridges of the above-mentioned description  
may be used for re-filling for both Naval and Land Services.  
Cases should be cleaned after firing, in the manner laid down in  
paragraph 311, "Regulations for Magazines, &c., 1902," and  
returned to store, where they will be examined, and any found to  
be unserviceable set aside.

Mark V.M cases which are fit for re-filling, and also Mark IV.M  
which are fit for re-filling for blank as mentioned in § 12410,  
should be sent to Woolwich at the first opportunity.

§ 10845 will now be understood as applying to cartridges of  
earlier Marks than Mark V.M, excepting that the cases of  
Mark IV.M fired cartridges will be used for re-filling as blank  
cartridges.

The key is made of steel, and is for use in inserting and re-  
moving the primer of the above-mentioned Mark V.M cartridge.

12451. — Cartridge, S.A., dummy,  
drill, 303-inch, rifles or  
carbines. (Mark III.) C

Use extended to Naval Service.

The use of the above-mentioned cartridge (§ 11832) having  
been extended to Naval Service, the distinguishing letter has  
been altered to "C," as shown above.

18th Aug. 1903.

2nd Dec. 1903.

2nd Feb. 1904.

75

3

406

24th Nov. 1903.

869

12th Aug 1904.

N.O.

16286

982

(WOOLWICH SECTION, No. 24.)

12452.—Cartridge, B.L., 5-inch  
howitzer,  $11\frac{7}{16}$  oz.,  
cordite, size 3 $\frac{3}{4}$ . (Mark  
IV.) .. .. L Shalloon; core and three  
rings, with guncotton  
priming.

Cover, cartridge, silk  
cloth, B.L., 5-inch  
howitzer,  $11\frac{7}{16}$  oz.,  
cordite .. .. L For Mark IV. cartridge.

1st May 1904.

75

3

1013

Patterns of the above-mentioned cartridge and cover (designs R.L. 12668A and 12747, respectively) have been sealed to govern future manufacture for land service.

The cartridge differs from the previous pattern (§ 10579) in the core and base being formed of one bundle of  $3\frac{1}{16}$  oz. of cordite in lengths of about 7 feet, twisted into shape, and in the core and rings (which are secured with "Silk, sewing, No. 1") not being enclosed in shalloon. The base portion only is covered with shalloon.

The cover, which is for use with the above-mentioned Mark IV. cartridge is made of silk cloth, a  $\frac{3}{8}$ -inch silk braid being threaded around the mouth by which the latter can be closed. A becket for lifting purposes is formed by  $\frac{3}{8}$ -inch silk braid stitched to the base of the cover.

A loop, to facilitate removing the cartridge from the cover, is formed by 2 strands of "Silk, sewing, No. 1," twisted and fastened to the base of the cartridge.

12453.—Cover, cartridge, dowlas,  
B.L. 5-inch howitzer,  
 $11\frac{7}{16}$  oz. cordite .. L For Marks I. to III.  
cartridges.

Extended use.

Cover, cartridge, canvas,  
B.L. 5-inch howitzer,  
 $11\frac{7}{16}$  oz. cordite .. L

No more to be provided.

15th Dec. 1903.

54

Artillery

1571

The use of the above-mentioned dowlas cover (§ 11070) having been extended to cartridges of B.L. 5-inch howitzer Mark I. equipments, no more canvas covers (§ 8223) will be made, and so soon as the existing stock of the latter is used up that pattern will be regarded as obsolete.

983

12454.—Shell, Q.F. or Q.F.C., drill,  
6-inch gun.

Existing stock in Land Service to be replaced  
by B.L. or Q.F. 6-inch drill shell.

With reference to § 12253 :—Existing Q.F. or Q.F.C. 6-inch  
drill shell in Land Service will be replaced, on receipt of demands,  
by the B.L. or Q.F. 6-inch drill shell therein described, the former  
being then returned to store.

8th Sept. 1904.

75

12

4682

(WOOLWICH SECTION, No. 25.)

12455.—Card, towing, large. (Mark  
I.) .. .. 17 inches by 9 inches, for  
hair.

Strengthened handles.

In future manufacture, the handles of the above-mentioned  
card will be strengthened by means of two rivets through the  
centre of the grip parts, and an iron plate fixed on the top and  
bottom, respectively, of each handle, to which the ends of the  
rivets are secured.

22nd Sept. 1904

57

Gen. No.

5809

When existing "Cards, towing, large," are sent to Army  
Ordnance Depôts for repair, the handles will be strengthened by  
having rivets fitted through the grip parts of each handle.

The above alterations will not involve any change in numeral.

(WOOLWICH SECTIONS, Nos. 25, 26, 27.)

12456.—Equipment, military hospitals, &c.

23rd Feb. 1904.

57

Gen. No.

5195

Patterns of the undermentioned articles have been approved  
to govern manufacture for future supplies—

(Woolwich Section, No. 25.)

14th March 1904

4807

7

507

Bins—

Bread. (Mark I.)—

1 foot 11 inches...	by 1 foot 2½ inches	} Japanned, with hinged sloping lid, hasp and staple.
1 foot 9 inches...	by 1 foot 1 inch ....	
1 foot 7 inches...	by 1 foot ...	
1 foot 6 inches...	by 11 inches ....	

11th June 1904.

57

Woolwich

2193

4th Aug. 1904.

57

Gen. No.

5618

The above-mentioned "Bins" are of ordinary trade pattern

and will replace the present bread crocks (§ 10669) as the latter become unserviceable.

The 1st size is for wards up to 32 beds.

The 2nd	"	"	24	"
The 3rd	"	"	16	"
The 4th	"	"	10	"

Smaller wards will retain the present bread crocks until stock is exhausted.

(Woolwich Section, No. 26.)

Cot, infants. (Mark I.).... | Swinging, with curtain rod.

The "Cot, infants," is also a trade article, for supply to women and childrens hospitals.

(Woolwich Section, No. 27.)

A.—Bedding.

Blanket, infants. (Mark I.)	White, 54 inches by 36 inches.
Counterpane, infants. (Mark I.)	White, 54 inches by 36 inches.
Case, slip, pillow, infants. (Mark I.)	Cotton muslin, 18 inches by 11½ inches.
Mattress, infants. (Mark I.)	Hair, linen ticken, 30 inches by 14 inches by 3-inch border; weight, 4 lb.
Pillow, down. (Mark I.)....	Infants, length, 16½ inches; weight, 8½ oz.
Sheet, infants. (Mark I.)	Cotton, white, 63 inches by 40 inches.

B.—Textile stores.

Linen, mortuary—	
Cloth, face. (Mark I.)	
Shroud. (Mark I.)	
Towel Turkish. (Mark I.)	White cotton, 45 inches by 23 inches.

The above-mentioned articles are all of trade patterns, the bedding for use with the "Cot, infants," and the towel for bath use in hospitals.

**12457.—Equipment, officers' mess—**

Furniture,

Glassware.

China and earthenware.

Kitchen utensils.

Patterns of the undermentioned furniture have been sealed to govern future manufacture for officers' mess—

13th Oct. 1902.

57

Gen. No.

3293

(Woolwich Section, No. 25.)

*Furniture.*

8th Dec. 1902.

57

24

4190

11th June 1903.

57

Gen. No.

4149

14th Sept 1903.

4542

26th July, 1904.

5231

Chair, arm, leather-covered, mahogany. (Mark I.)

With castors.

Chair, arm, library. (Mark II.)

Mahogany.

Chair, dining, leather-covered. (Mark I.)

Mahogany.

Chair, easy, leather-covered. (Mark I.)

Mahogany, with castors.

Lounge, leather-covered. (Mark I.)

Mahogany, with castors.

Screen, 4-fold. (Mark I.)

5 feet 10 inches high by 2 feet when closed.

Table, card. (Mark I.)

Mahogany, with drawer and 4 loose ash trays.

Table, occasional. (Mark I.)

Mahogany.

Table, octagonal, 5 feet. (Mark I.)

Mahogany, with castors.

Table, side, 6 feet by 3 feet. (Mark I.)

Deal, with stained legs.

Table, writing, mahogany, 5 feet by 3 feet. (Mark I.)

Covered top, with 2 drawers and castors.

(Woolwich Section, No. 27.)

Carpet, Axminster. (Mark I.)

For anteroom.

Carpet, hair. (Mark I.)

For messroom.

Curtains, rep, maroon. (Mark I.)

With loops, for mess and anterooms.

The "Chair, arm, leather-covered, Mark I.," and "Chair, dining," are similar in construction, but the former is also fitted with castors and arms; both are upholstered on the seats only.

The "Chair, arm, library (Mark II.)," is a curved-back writing chair in mahogany, of similar design—but with smaller legs than—the "Chair, arm, M S." (§ 11921), which is stained walnut colour.

The "Chair, arm, library, Mark I." (not published in *List of Changes*), was identical in shape with the Mark II., but had an elm seat, and was stained mahogany.

The "Chair, easy, leather-covered," and the "Lounge," are upholstered in morocco leather on the tops of the arms, and on the seats and backs; both are low built and spring-stuffed.

The "Screen, four-fold," is covered with an oil-figured baize.

The "Table, card," consists of a top about 3 feet 2½ inches square, with the sides scalloped out, and the corners rounded off and welled to receive loose ash trays; it has a circle of green baize in the centre, 2 feet 3 inches in diameter, and stands about 2 feet 6 inches high.

The "Table, occasional," has a top about 2 feet square, with the corners cut off, and stands about 2 feet 3 inches high, being fitted with a lower shelf about 18½ inches square.

The "Table, octagonal," is a somewhat heavily constructed article, the top being supported on the lower cross frame by four turned pedestals.

The "Table, side," is an ordinary heavy built plain top deal table, without drawers, the legs being stained a mahogany colour.

The "Table, writing," is a solid built mahogany framed table, the top is bass wood, veneered round the edge of top surface and covered inside the veneer with black pegamoid; the legs are fitted with castors.

The "Carpets, hair," may be demanded of any size required.

The "Carpets, Axminster," can only be made up in widths of 27 inches. A margin should be left for staining floor. In demanding curtains, the following measurements are required:—Length; width at bottom; width at top when headed up.

(Glassware.

(Woolwich Section, No. 25.)

Bottles, water—

Table—

1 quart. (Mark I.)

1 pint. (Mark I.)

With glass. (Mark I.)

Decanters—

Claret. (Mark I.)

Quart. (Mark I.)

Dish, jam. (Mark I.)

Handled, with stopper.

With stopper.

Glass, oval.

*Glassware - continued.**Glasses -*

Beer. (Mark I.)	....	....	....	....
Champagne. (Mark I.)	....	....	....	....
Claret. (Mark I.)	....	....	....	....
Finger. (Mark I.)	....	....	....	....
Flower—				
10-inch. (Mark I.)	....	} Table decorations.		
8-inch. (Mark I.)	....			
6-inch. (Mark I.)	....			
Liqueur. (Mark I.)	....		....	....
Port. (Mark I.)	....		....	....
Sherry. (Mark I.)	....		....	....
Soda water. (Mark I.)	....		....	....
Jug, glass, tank. (Mark I.)	....		....	....
Pail, ice. (Mark I.)	....		....	Glass, with drainer.
Plate, ice. (Mark I.)	....		....	Glass.

*China and Earthenware.**Basins—**Pudding—*

6-inch. (Mark I.)	....	} Earthen.
6 $\frac{3}{4}$ -inch. (Mark I.)	....	
7 $\frac{1}{4}$ -inch. (Mark I.)	....	

Slop. (Mark I.) .... China.

*Bowls—*

Salad. (Mark I.) .... Earthen.

Sugar. (Mark I.) .... } China.

Sugar taster. (Mark I.) .... }

*Cups—*

Breakfast. (Mark I.) .... } China.

Coffee. (Mark I.) .... }

Tea, china. (Mark I.) .... } Officers.

Egg, china. (Mark I.) .... }

*Dishes—**Breakfast—*

9-inch. (Mark I.)	....	} Earthen.
8-inch. (Mark I.)	....	
7-inch. (Mark I.)	....	

Butter. (Mark I.) .... China, with stand and cover.

Cover. (Mark I.) .... } China.

Stand. (Mark I.) .... }

*Meat, earthen—*

18-inch. (Mark I.)	....	} Officer's mess.
16-inch. (Mark I.)	....	
14-inch. (Mark I.)	....	
12-inch. (Mark I.)	....	
10-inch. (Mark I.)	....	

China and earthenware—*continued.*

Dishes—				
Pie—				
15½-inch. (Mark I.)	....	}	Earthen.	
12½-inch. (Mark I.)	....			
Vegetable. (Mark I.)	....		Earthen, with cover.	
Covers. (Mark I.)	....		Earthen.	
Drainer, fish, 12¼-inch. (Mark I.)			Earthen, for 16 inch dish.	
Jugs—				
Earthen—				
Beer—				
3 pints. (Mark I.)	....		Brown, toby.	
5 pints. (Mark I.)	....		Barrel.	
China—				
Cream. (Mark I.)	....		....	....
Milk—				
Large. (Mark I.)	....		....	....
Small. (Mark I.)	....		....	....
Pans, K.—				
14-inch. (Mark I.)	....	}	Earthen.	
12-inch. (Mark I.)	....			
10 inch. (Mark I.)	....			
Plates—				
Breakfast. (Mark I.)	....	}	Earthen.	
Dinner, officers. (Mark I.)	....			
Salad. (Mark I.)	....			
Soup. (Mark I.)	....			
Tart. (Mark I.)	....			
Pots—				
Coffee, earthen. (Mark I.)	....		....	....
Tea, earthen, brown. (Mark I.)			2 pints.	
Saucers—				
Breakfast. (Mark I.)	....	}	China.	
Coffee. (Mark I.)	....			
Tea, china. (Mark I.)	....		Officers.	
Stands—				
Menu. (Mark I.)	....		China.	
Teapot. (Mark I.)	....		White earthen.	
Tureen—				
Sauce. (Mark I.)	....		Earthen, with cover and stand.	
Cover. (Mark I.)	....	}	Earthen.	
Stand. (Mark I.)	....			
Soup. (Mark I.)	....		Earthen, with cover and stand.	
Cover. (Mark I.)	....	}	Earthen.	
Stand. (Mark I.)	....			

The articles are ordinary trade designs. The sizes of the

dishes are as quoted by the trade; supplies may differ by measuring from  $1\frac{1}{2}$  inches to 2 inches larger than the sizes named, if the larger diameter is taken.

All the articles, except the beer jugs and tea and coffee pots, are badged with the Royal cypher and Crown.

### *Kitchen Utensils.*

Basket, knife. (Mark I.)	...	Wicker, lined with tin.
Baskets, fry. (Mark I.)—		
9-inch ...	....	} Wire.
8-inch ...	....	
Baster, drip pan. (Mark I.)	....	Tinned iron.
Boxes—		
Seasoning. (Mark I.)	....	Tin, with handle.
Spice. (Mark I.)	....	Japanned, with grater.
Brush, pastry. (Mark I.)	....	Tin socket.
Cafetieres—		
10 cups. (Mark I.)	....	} Tin, in 2 parts, with strainer, presser and lid.
6 cups. (Mark I.)	....	
Canisters—		
Coffee. (Mark I.)	....	4 lb.
Sugar. (Mark I.)	....	16 lb.
Tea. (Mark I.)	....	4 lb.
Colanders, steel—		
11-inch. (Mark I.)	....	} Mess kitchen.
10-inch. (Mark I.)	....	
Dish, baking, steel, 18-inch. (Mark I.)	....	By 14-inch.
Dredger, sugar. (Mark I.)	....	Tin, mess kitchen.
Fork, cooks. (Mark I.)	....	Handled, with guard, mess kitchen.
Gridirons, round bar—		
14 $\frac{1}{2}$ -inch. (Mark I.)		
10 $\frac{1}{2}$ -inch. (Mark I.)		
Kettles—		
Fish, copper. (Mark I.)	....	With strainer and cover.
Mackerel, 13-inch. (Mark I.)	....	Tin, with strainer and cover.
Tea—		
10 quarts. (Mark I.)	....	} W.I. or steel, mess kitchen.
4 quarts. (Mark III.)	....	
2 quarts. (Mark III.)	....	

Kitchen utensils—*continued*.

## Knives, cooks—

12-inch. (Mark I.)	....	} Ebony handled.
11-inch. (Mark I.)	....	
9-inch. (Mark I.)	....	
8-inch. (Mark I.)	....	
6-inch. (Mark I.)	....	
5-inch. (Mark I.)	....	
4½-inch. (Mark I.)	....	} Handled, 6½-inch.
Mincing. (Mark I.)	....	
Oyster. (Mark I.)	....	Handled.

## Moulds—

Border. (Mark I.)	....	} Copper, mess kitchen.
Dariol. (Mark I.)	....	
Jelly, 1 pint. (Mark I.)	....	

## Openers—

Can. (Mark I.)	....	Handled.
Champagne. (Mark I.)	....	Handled.

## Pans—

Drip, mess kitchen. (Mark I.)	Tin, 25 inches by 18 inches.
Frying, fish. (Mark I.)	Steel, with wire drainer.

## Omelette—

10-inch. (Mark I.)	....	Steel.
9-inch. (Mark I.)	....	Steel.

Patty, 3½-inch. (Mark I.) .... Tin.

Preserving, 16-inch. (Mark I.) Copper.

## Sauté—

11-inch. (Mark I.)	....	} Copper.
9-inch. (Mark I.)	....	
8-inch. (Mark I.)	....	

## Stew, copper—

12-inch. (Mark I.)	....	} With cover, mess kitchen.
11-inch. (Mark I.)	....	
10-inch. (Mark I.)	....	
9-inch. (Mark I.)	....	
8-inch. (Mark I.)	....	
7-inch. (Mark I.)	....	
6-inch. (Mark I.)	....	
5-inch. (Mark I.)	....	

Yorkshire pudding. (Mark I.) Tin, 17½ inches by 11½ inches.

Pick, ice. (Mark I.) .... Handled.

Pot, stock. (Mark I.) .... Copper, with cover, strainer and tap.

Pot, tea, tin, 6 pints. (Mark I.) Mess, kitchen.

991

Kitchen utensils—*continued*.

Screen, meat, 3½ feet. (Mark I.)	Wood, lined with tin, with two shelves.
Sieve, iron wire, 16-mesh. (Mark I.) ....	14-inch.
Slices—	
Egg. (Mark I.) ....	} Iron, tinned.
Fish, 4-inch. (Mark I.) ....	
Spoon, wooden. (Mark I.) ....	Mess kitchen.
Stand, drip pan. (Mark I.) ....	Wrought iron.
Strainer, gravy, conical. (Mark I.) ....	Tin, mess kitchen.
Tins, cake—	
6½-inch. (Mark I.) ....	} Mess kitchen.
5-inch. (Mark I.) ....	
Tin, tart, oval. (Mark I.) ....	Mess, kitchen

They are trade articles and represent the general quality of the articles to be supplied for the several purposes, but in some cases it is not intended to strictly adhere to these patterns.

Kitchen utensils—*continued*.

(Woolwich Section, No. 26.)

Board, pastry. (Mark I.) ....	30-inch.
Chopper, meat, 10-inch. (Mark I.) ....	Mess kitchen.
Machine, mincing, tinned iron. (Mark I.) ....	With handle; mess kitchen.
Mortar, kitchen. (Mark I.) ....	Stone, 12-inch.
Pestle, 4-inch. (Mark I.) ....	Lignum Vitæ.
Presser, vegetable. (Mark I.) ...	Wood, handled.
Tubs, flour, 10-quartern. (Mark I.) ....	Wood, with cover.

Patterns of the above-mentioned articles have been sealed to govern future supplies to officers' messes. All the articles are ordinary trade patterns.

(WOOLWICH SECTIONS, NOS. 25 AND 27.)

## 12458.—Equipment, officers' quarters.

Patterns of the undermentioned articles have been sealed to govern future manufacture for officers' quarters:— 13th Oct. 1902.

(586)

B 2

57  
Gen. No.  
3293

*(Woolwich Section, No. 25.)*

8th Dec. 1902.	Bath, sitz. (Mark I.) ....	Japanned, 37 inches by 27 inches.
57		
24	Bookcase, oak. (Mark I.) ....	With cupboard and loose shelf.
4190		
11th June 1903.	Candlestick, earthen. (Mark I.) ...	Officers' quarters.
57	Chair, arm, leather-covered, oak. (Mark I.) ...	With castors.
Gen. No.	Drawers, chest of, oak. (Mark I.)	With 3 long, and 2 short, drawers, 3 feet 6 inches.
4149		
12th June 1903.	Ewers, iron, galvanized—	
103	6 quarts. (Mark I.)	
Gen. No.	3 quarts. (Mark I.)	
921	Glass, toilet, 19½ inches, oak. (Mark I.) ...	by 15½ inches, with stand.
23rd June 1903.	Stand, wash-hand, marble top, single. (Mark I.) ....	Oak, with 2 brass rails.
7115	Basin. (Mark I.) ....	} White earthen, with Royal cypher.
93	Dish, soap. (Mark I.) ...	
	Ewer. (Mark I.) ....	
	Holder, tooth brush. (Mark I.)	
	Pot, chamber. (Mark I.) ...	
	Table, writing, oak. (Mark I.) ...	With drawer.

The "Bath, sitz," is an ordinary trade design, japanned white inside and oak colour outside.

The "Bookcase" has a bottom portion fitted with a loose shelf and two doors, with brass drop handles, forming a cupboard; above the cupboard are fitted two shelves for books.

The "Candlesticks" are of the upright type of white earthenware, badged with the Royal cypher.

The "Chair, arm," is of oak, upholstered with maroon-coloured roan. It is an "Easy" chair, and, being of oak, may be easily distinguished from the "Chair, arm, leather-covered, mahogany" (§12457), which is similar to the "Chair, dining," but furnished with mahogany arms. The first supplies were made in mahogany, of a different design, with filled-in sides, and covered with pegamoid.

The "Drawers, chest of," are of ordinary trade type, but mounted on a plinth at bottom instead of feet. The drawers are fitted with brass drop handles. The first supplies were made in mahogany, with knob handles of the same material.

The "Ewers, iron galvanized," are of the ordinary trade "Parisian" design.

The "Glass, toilet," is an ordinary trade pattern without feet. The first supplies were made in mahogany.

993

The "Stand, wash-hand," is fitted with a brass towel rail at each end; the top is of marble, fitted with a skirting of the same at back and sides. The first supplies of these were in mahogany, and have only one towel rail. The toilet set is of white earthenware, badged with the Royal cypher.

The "Table, writing," is of the ordinary type of fixed top table. It is fitted with a drawer in front, which is provided with brass drop handles. The first supplies were made in mahogany, with knob handles of the same material.

All the oak articles are of plain unfumed wood, and are wax polished. The first supplies in mahogany were French polished.

(Woolwich Section, No. 27.)

Mattress, officers, 6 feet by 3 feet.  
(Mark I.) .... Hair.  
Bolster, officers, 3 feet. (Mark I) ... Hair.  
Pillow, officers, feather. (Mark I.).

Patterns of the above-mentioned articles have been sealed to govern future manufacture.

The bolsters and pillows are made of ordinary linen ticken (indigo blue stripe), and the mattresses of fancy striped ticken (red, white, and drab).

Dimensions and weight as follows:—

	Length.	Width.	Crown.	Weight.	
	inches.	inches.	inches.	lb.	oz.
Mattress ..	72	36	4-inch border	30	0
Bolster ..	36	17*	9 by 5	4	10
Pillow ..	28	18*	..	3	4

\* On the double.

(WOOLWICH SECTION, No. 25.)

12459.—Table, ward. (Mark I.) .. Hospital, with tiled top, and two drawers.

A pattern of the above-mentioned table has been sealed to govern manufacture for future supplies.

The table consists of a pitch pine framework, the top being yellow deal, covered with tiles 3 inches square, the centre white and the two outer rows green tiles; a brass nosing fixed all round the edge of the table securing the whole. There is a drawer at each end of the table.

15th July 1904.

57

Gen. No.

5008

994

(WOOLWICH SECTION, No. 27.)

12460.—Guard, hand, singlestick.  
(Mark III.) .. .. C | Steel, with bridle leather grip.

8th Sept. 1904.

57

Gen. No.

5468

A pattern of the above-mentioned article has been sealed to govern future manufacture.

It differs from the Mark II. pattern (§ 8844) in the grip being made of bridle leather instead of buff, and in the ends being riveted to the guards instead of being sewn.

12461.—Packsaddlery, Artillery,  
Q.F., 2·95-inch.. .. L |

16th March 1903.

54

Artillery

320

Drawings (R.C.D. 9608A (1), 9606A (1), 9607A (1), 9609A (1)) of the following stores, forming parts of the above-mentioned packsaddlery, have been approved to govern future manufacture for Land Service, in place of the steel cradles with pannels hitherto used for these loads:—

Packsaddlery, Artillery—

Cradles—

Carriage, Q.F., 2·95-inch, Mark I. ....	L	Wood.
Gun, Q.F., 2·95-inch, Mark I. ....	L	Wood.
Recoil cradle, Q.F., 2·95- inch, Mark I. ...	L	Wood.
Wheels and axletree, Q.F. 2·95-inch, Mark I.	L	Wood.

The cradles are generally similar to the R.M.L. 2·5-inch, except that the side bars are square at the ends, and the cradles are attached to the pannels by straps which pass through holes in the side bars as in the B.L. 10-pr. cradles (§ 11401).

Weights.

Cradles—

	qrs.	lb.
Carriage ....	1	0
Gun ....	1	1
Recoil cradle ....	1	1
Wheels and axletree ....	1	11

## 12462.—Packsaddlery, general service. |

Patterns of the undermentioned articles have been sealed to 28th March 1904  
govern manufacture :—

## Packsaddlery, general service—

		57 Gen. No. 4996	
Bars, hanging, Mark I.....	....	For use with cacolets, or gun and tripod hangers on automatic saddle.	
Breeching, Mark V. ....	....	3 feet 4 inches by 2 inches, body of 3-fold leather, with loin strap at- tached.	
Collar, breast, Mark V....	....	2 feet 4½ inches by 2 inches, leather, with neck strap attached.	
Crupper, Mark V. ....	....	Leather, with two 20-inch by 1-inch straps.	
Frame, wood, Mark II.....	...	For converting automatic saddle to machine gun ammunition saddle ; with one 30-inch by 1¼-inch strap and buckle piece, and two 7½-inch by 1-inch securing straps.	
Pannels, Mark V. (pair)	...	23 inches by 18 inches, leather, with links and hooks, and tan dowlas linings.	
Ropes, baggage, Mark I. (pair)		1¼-inch hemp rope, 13 feet 6 inches, with four tinned iron rings and connecting strap.	
Tree, automatic fitting, Mark I.		Also for machine gun am- munition and cacolets ; with two side bars.	

This saddle and its parts are much lighter than previous patterns, and are introduced to reduce the weight carried.

The arches of the saddle are jointed to the side bars to admit of their turning automatically, to adjust themselves to the backs

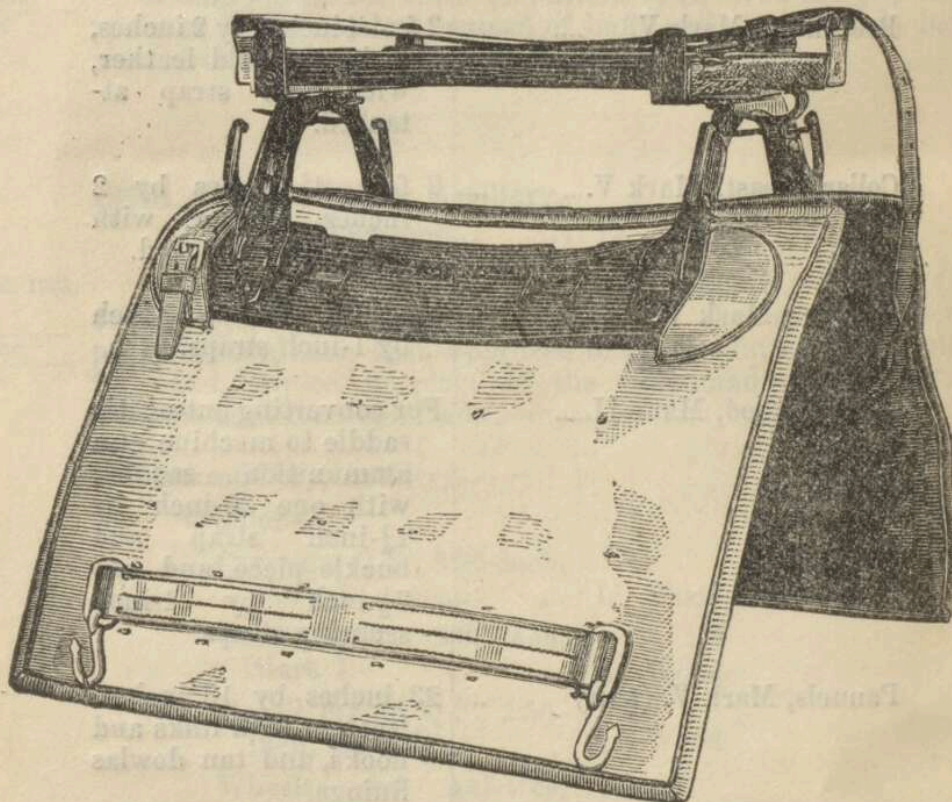
of large or small animals, and to meet the loss in the condition of the latter which takes place on active service.

It also obviates the necessity of several patterns and sizes (see drawing A below).

The carriage of the gun and tripod mountings on this saddle will be notified later.

*Packsaddle, G.S., with pannels.*

(A)



*Tree.*

The arches, hooks, loops, and plates are of steel. Each arch is fitted inside the crown with a horizontal fixed loop to engage in the standing staples of the "Frame, wood."

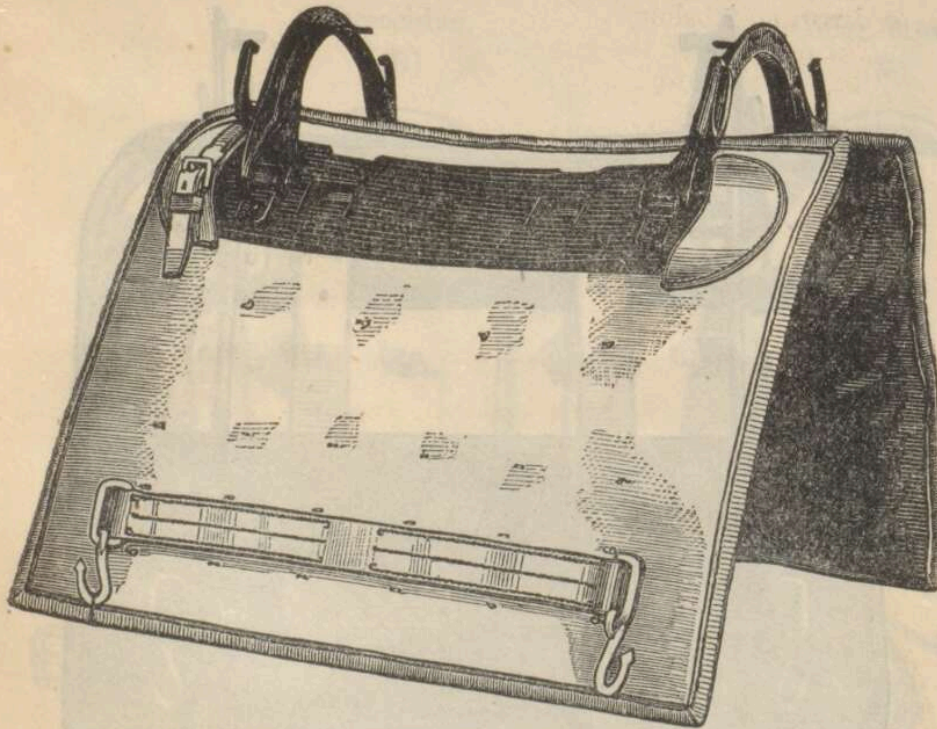
This frame is for carrying the tool box when the saddle is used for carriage of machine gun ammunition, racks, &c.

The side bars are of sabicu wood, 20 inches in length by  $3\frac{1}{4}$  inches in width, curved and twisted. They are so set on the arches, that when turned horizontally the distance from edge to edge is 6 inches across the front and  $7\frac{1}{2}$  inches across the rear, and when turned that the upper edges are as close to the arches as possible,  $7\frac{1}{4}$  inches in front and  $8\frac{3}{8}$  inches in rear (see drawings B and C, pages 997, 998).

997

*Packsaddle, G.S., with frame.*

(B)



*Pannels.*

These differ from the Mark IV. (§ 6538) in being much lighter, and in having tan dowlas linings in place of white duck.

The leather "lays" on the back are left unsewn in the centre to take the straps of the hanging bars to hold them in position.

The pannels are fitted with links to take the straps of the Mark V. breeching, and hooks to the links for the chains of other pattern breechings.

These pannels are also suitable for Marks III. and IV. pack-saddles.

*Breeching.*

This differs from the Mark IV. (§ 6538) in having a 3-fold leather body, 2 inches wide, in place of a solid piece 3 inches wide; the ends are fitted with straps and buckles, in place of dees and chains, for attaching them to the pannels (*see drawing D, page 999*).

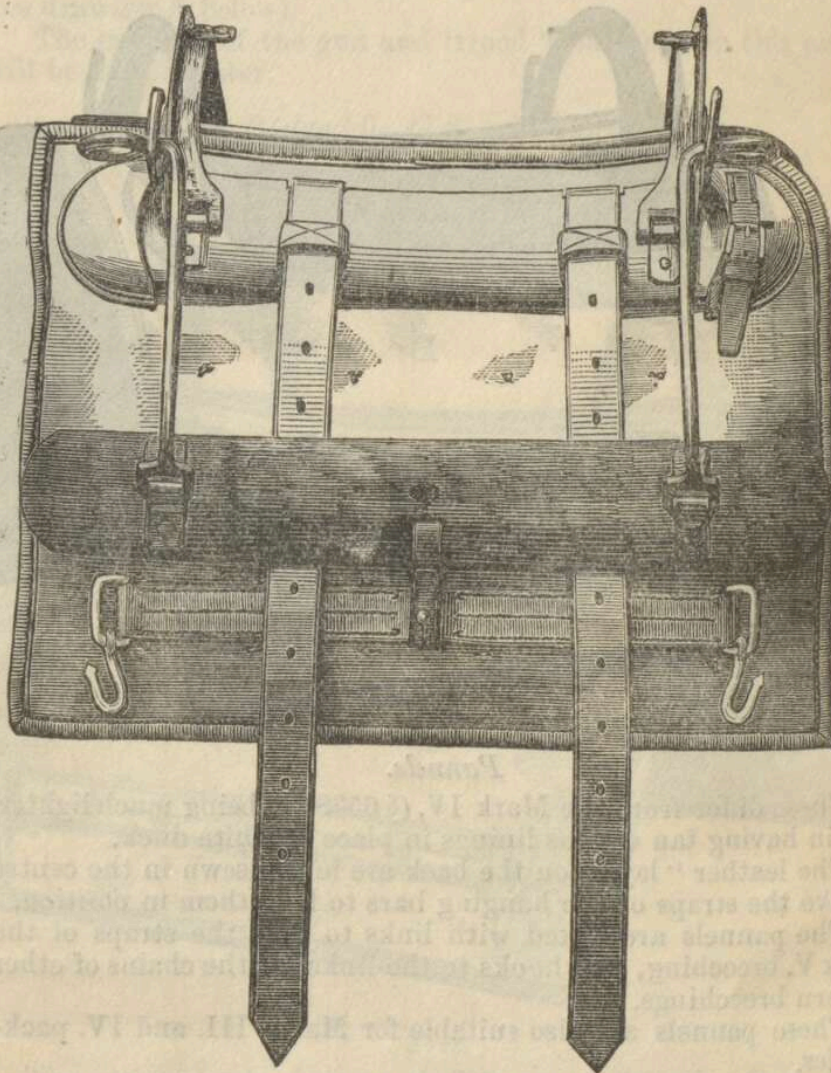
*Collar, breast.*

This differs from the Mark IV. (§ 6538) in being 2 inches wide in the body instead of 3½ inches. It is fitted with straps and buckles, in place of dees and chains, for attaching them to the pannels (*see drawing E, page 999*).

998

*Packsaddle, G.S., with hanging bars.*

(C)



*Crupper.*

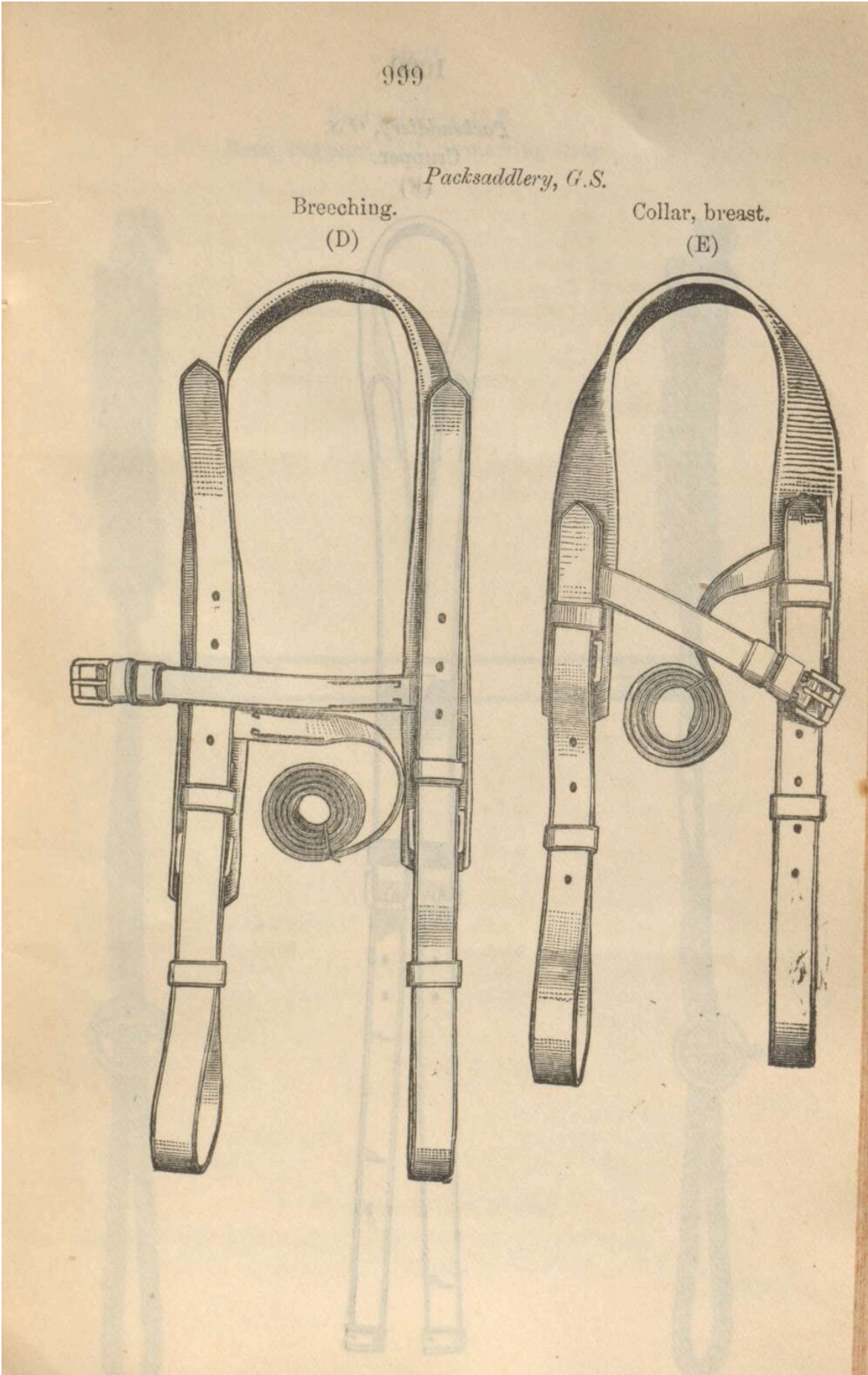
This differs from the Mark IV. large (§ 6538) in being lighter, and in having a 3-fold leather dock unstuffed.

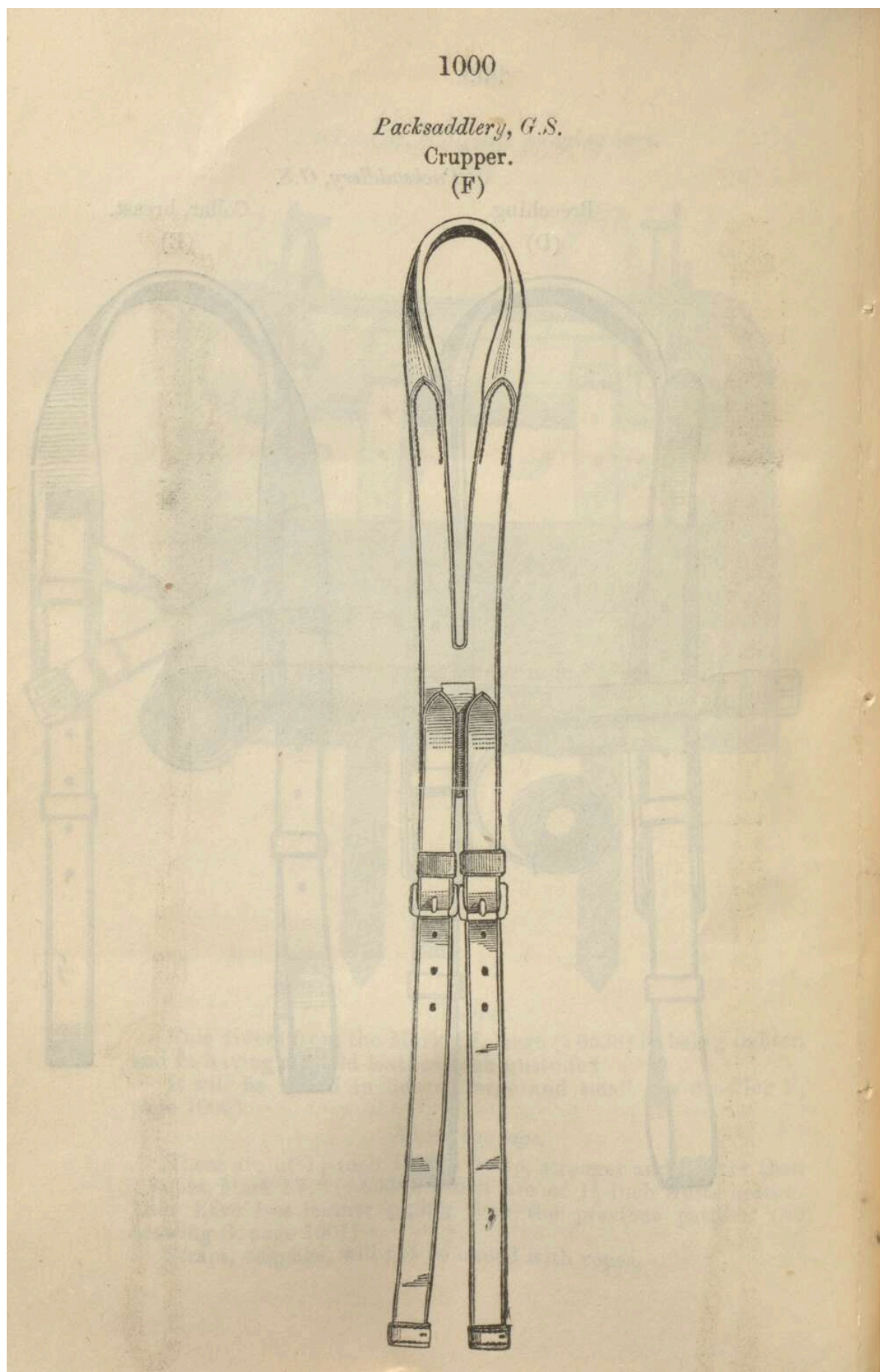
It will be issued in lieu of large and small (*see* drawing F, page 1000).

*Ropes, baggage.*

These are of  $1\frac{1}{4}$ -inch Italian hemp, stronger and lighter than "Ropes, Mark IV." (§ 6538), which are of  $1\frac{1}{2}$ -inch white cotton. They have less leather piping than the previous pattern (*see* drawing G, page 1001).

Straps, baggage, will not be issued with ropes.



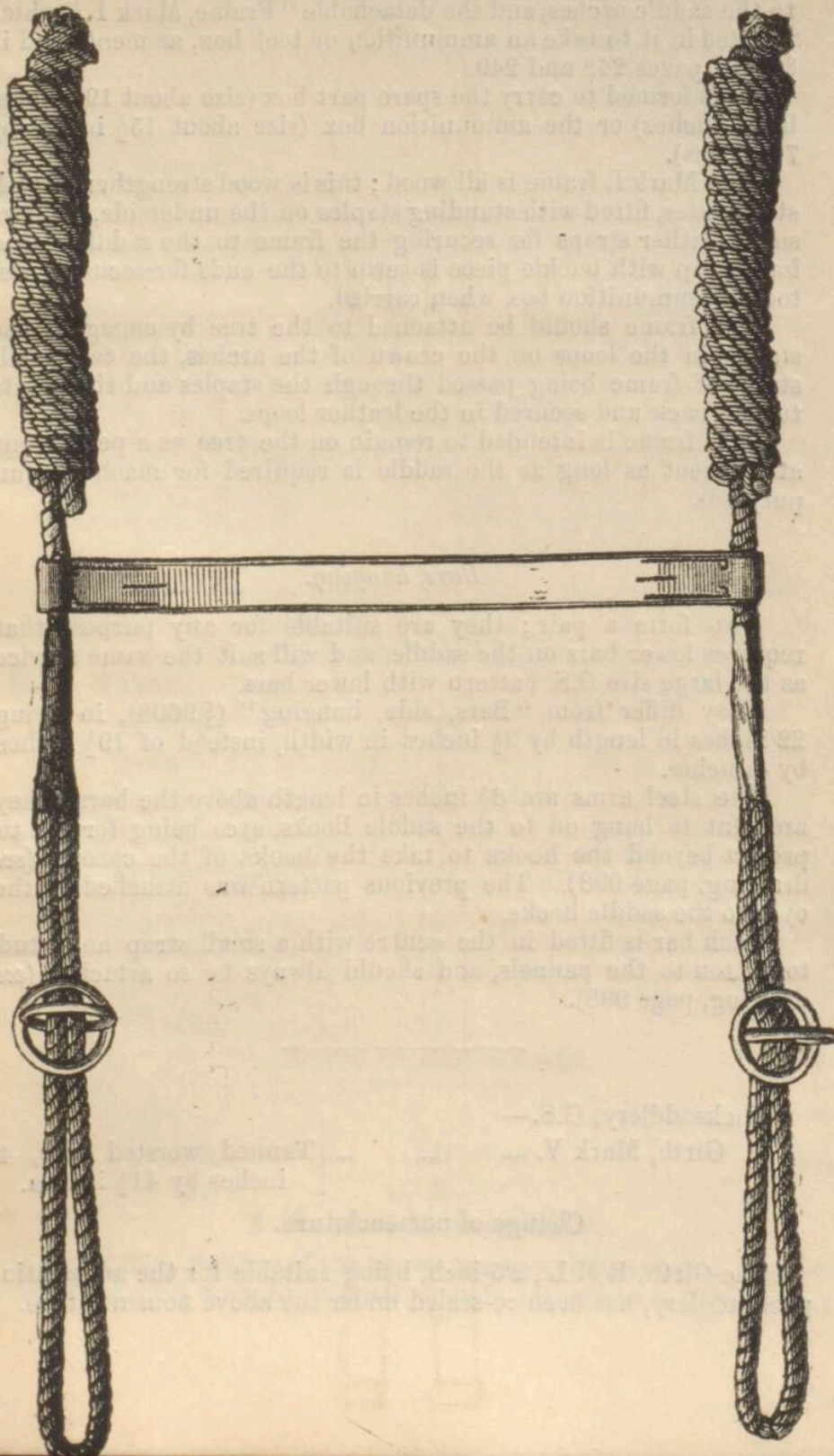


1001

*Packsaddlery, G.S.*

Rope, baggage, with connecting strap.

(G)



1002

*Frame, wood.*

This frame takes the place of the heavy steel top plate rivetted to the saddle arches, and the detachable "Frame, Mark I.," which is fitted in it to take an ammunition or tool box, as mentioned in § 9608, pages 248 and 249.

It is formed to carry the spare part box (size about  $19\frac{1}{2}$  inches by  $8\frac{1}{2}$  inches) or the ammunition box (size about  $15\frac{1}{2}$  inches by  $7\frac{1}{2}$  inches).

The Mark I. frame is all wood; this is wood strengthened with steel plates, fitted with standing staples on the underside, and two small leather straps for securing the frame to the saddle. One long strap with buckle piece is sewn to the ends for securing the tool or ammunition box when carried.

The frame should be attached to the tree by engaging the staples in the loops on the crown of the arches, the two small straps of frame being passed through the staples and the points turned back and secured in the leather loops.

This frame is intended to remain on the tree as a permanent attachment as long as the saddle is required for machine gun purposes.

*Bars, hanging.*

Two form a pair; they are suitable for any purpose that requires lower bars on the saddle, and will suit the same service as the large size G.S. pattern with lower bars.

They differ from "Bars, side, hanging" (§ 9608), in being 22 inches in length by  $3\frac{1}{2}$  inches in width, instead of  $19\frac{1}{2}$  inches by 4 inches.

The steel arms are  $8\frac{5}{8}$  inches in length above the bars; they are bent to hang on to the saddle hooks, eyes being formed to project beyond the hooks to take the hooks of the cacolet (*see* drawing, page 998). The previous pattern was attached by the eyes to the saddle hooks.

Each bar is fitted in the centre with a small strap and stud to button to the pannels, and should always be so attached (*see* drawing, page 998).

Packsaddlery, G.S.—

Girth, Mark V. ....

Tanned worsted web, 4  
inches by  $41\frac{1}{2}$  inches.

*Change of nomenclature.*

The Girth, R.M.L., 2·5-inch, being suitable for the automatic packsaddlery, has been re-sealed under the above nomenclature.

1003

A complete set of packsaddlery for general service will be as follows :—

Articles.	No.	Remarks.
<b>Packsaddlery, G.S.—</b>		
Bit, bridoon .. ..	1	
Breeching, Mark V. ..	1	
Chain, collar, G.S., Mark III.	1	
Collar, breast, Mark V. ..	1	
Collar, head, Mark IV. ..	1	
Crupper, Mark V. .. ..	1	
Girth, Mark V. .. ..	2	
Pannels, Mark V. .. pair	1	
Reins, bridoon, Mark II. ..	1	
Ropes, baggage, Mark I. pair	2	
Straps, girth, Mark II. ..	4	
Surcingle, Mark III... ..	1	
Tree, automatic fitting, Mark I.	1	
Bars, hanging, Mark I. ..	2	When required for cacolets.
Frame, wood, Mark II. ..	1	When required for machine gun ammunition saddle.

(WOOLWICH SECTION, No. 28.)

12463.—Wagons—

Air line .. ..	L
General service, R.E. ..	L
Forge, R.E. .. ..	L
Balloon .. ..	L
Reservoirs, gas .. ..	L
Printing .. ..	L
Lithograph .. ..	L
Timber, R.E. .. ..	L
Pontoon .. ..	L

1. Fitted for pole draught.

Shafts—

No. 101 .. ..	L
No. 102 .. ..	L

2. No more to be provided.

1. In future, wagons of the above-mentioned descriptions will be fitted for pole draught, instead of shaft draught as hitherto.

30th Nov. 1901.

8th Oct. 1902.

54

Engineers

236

11th Dec. 1903.

57

Gen. No.

4506

25th March 1903.

7901

808

29th Sept. 1904.

54

Engineers

513

1004

The fittings include a No. 7A draught pole and two No. 10A swingletrees (\$12333), which will render the vehicles suitable for use with either G.S., A.S.C., or R.A. quick-release harness.

Existing wagons will be altered locally in accordance with the instructional prints detailed below, which, together with the undermentioned stores, will be supplied to officers concerned on demand.

Fittings removed and not required will be brought to produce locally.

2. "Shafts, Nos. 101 and 102," of which no more will be made, will be returned to store for transmission to Woolwich, and used up for the repair or manufacture of "Shafts, Nos. 30 or 96."

*Stores per wagon.*

	Wagons					
	Air line.	G.S., R.E.; forge, R.E., and balloon.	Reservoir, gas.	Printing and lithograph.	Timber, R.E.	Pontoon.
Bar, splinter .. .. .	1	..	..	..	..	..
Chain, draught pole, No. 2 .. .. .	2	2	2	2	2	2
Futchels, with wrapping plate—						
Near—with bolt .. .. .	..	1	1	..	1	..
Off—with bolt .. .. .	..	1	1	..	1	..
Inner { near—with bolt .. .. .	1	..	..	..	..	..
{ off—with bolt .. .. .	1	..	..	..	..	..
Futchels, outer—						
Near .. .. .	1	..	..	..	..	..
Off .. .. .	1	..	..	..	..	..
Hooks, draught—						
With bolt .. .. .	..	..	..	2	2	2
With 2 bolts .. .. .	2	2	2	..	..	..
Key, pole pin, No. 7A pole—with chain and loop .. .. .	1	1	1	1	1	1
Plates—						
Securing futchels—with 16 screws, 1-inch, gauge No. 12 .. .. .	..	..	..	..	2	..
Tread—with bolt and screw .. .. .	2	..	..	..	..	..
Pins, pole, No. 7A pole—						
A .. .. .	1	1	1	..	1	..
B—with chain and loop .. .. .	..	..	..	1	..	1
Pole, draught, No. 7A .. .. .	1	1	1	1	1	1

1005

					Wagons					
					Air line.	G.S., R.E.; forge, R.E., and balloon.	Reservoir, gas.	Printing and litograph.	Timber, R.E.	Pontoon.
Sockets, splinter bar	..	..	..	..	2	..	..	..	..	..
With bolt	..	..	..	..	..	..	..	2	..	2
With 25-inch rivet	..	..	..	..	..	2	2	..	2	..
Staples, pole—										
Front { with 2 bolts	..	..	..	..	1	1	1	..	1	..
{ with 4 bolts	..	..	..	..	..	..	..	1	..	1
Rear { with 2 bolts	..	..	..	..	1	1	1	..	1	..
{ with 4 bolts	..	..	..	..	..	..	..	1	..	1
Swingletree, No. 10A	..	..	..	..	2	2	2	2	2	2
Instructional prints, R.C.D.	..	..	Nos.		1100	1099	1098	1097	1101	1104

(WOOLWICH SECTION, No. 29.)

12464.—Apparatus, observation  
of fire—

Rules, slide. (Marks

III, IV., and V.).. L In leather case.

With reference to § 11800 :—Patterns of the above-mentioned  
stores have now been formally sealed as follows :—

9th Feb. 1904.

57

16

3001

Marks III. and IV.—As a record of certain issues.

Mark V.—To govern future manufacture.

The Mark III. slide rule has the sliding piece made of  
magnalium.

The Mark IV. slide rule is made of wood, but is fitted with  
clamping screws at each end, which can be loosened in the event  
of the sliding piece jamming.

The Mark V. slide rule is generally similar to the Mark III.,  
but is made entirely of magnalium.

The graduations of all these slide rules are similar to those  
on the Mark II. pattern (§ 9649). A cursor is provided  
with each.

(586)

C

1006

12465.—Indicators, range.

(Marks I. and II.) ..

L

With 14 number plates  
in wood box; for coast  
batteries.**Modifications.**

11th March 1904.

Indicators of the above-mentioned description (§§ 5804, 8433)

10th June 1904.

will be altered as follows:—

5th Aug. 1904.

57

Gen. No.

4786

(1.) The iron frame at the back will be made to suspend one plate instead of three as hitherto, and will be used to indicate "orders of fire" by means of six plates numbered consecutively 1 to 6.

(2.) The short hand for indicating deflection will be removed, and the figures denoting deflection will be painted out.

(3.) Eight plates will be used for indicating deflection, and will be marked as follows:—

		Obverse.	Reverse.
One plate	..	5'	10'
One plate	..	15'	20'
One plate	..	25'	30'
One plate	..	35'	40'
One plate	..	45'	50'
One plate	..	55'	..
One plate	..	1°	2°
One plate	..	R	L

The Mark II. indicator range box (§ 10757) will be retained unaltered for holding the plates loosely.

This service will be carried out locally in accordance with instructions detailed below, the undermentioned stores being supplied to officers concerned on demand.

*Instructions.*

(a.) Cut off the two horizontal projecting arms on the iron frame at the back of the indicator.

(b.) Remove the short hand, and fit a collar on the hand spindle of sufficient thickness to enable the wing nut to securely clamp the long hand.

(c.) Paint out all the markings for deflection on the dial.

(d.) Figure or letter, in white paint  $4\frac{1}{2}$  inches high, the eight plates supplied, as indicated in (3) above.

1007

The necessary paint, and material for collar, to be obtained locally.

The short aluminium hand, and the existing number plates, except six (Nos. 1 to 6), will be returned to store.

Consequent upon the reduction of number plates the details appended to the nomenclature of the range indicators have been amended as shown above.

*Stores per indicator.*

Indicator, range—	No.
Plates, deflection, set of eight....	set 1

12466.—Telemeter, Artillery—

Picket, tripod, Mark

II.

L

Ash, folding, with linen flags; sets of 3.

*Alteration of Mark I. tripods.*

A pattern of above-mentioned tripod has been approved to govern future manufacture, and alteration as may be ordered, of existing tripods.

It differs from that referred to in §§ 6523 and 11283 in the following particulars:—

(1.) Each leg of the tripod has been jointed so that it can be folded on itself, and when folded it is 3 feet long.

(2.) It is fitted with brass ferrules on each jointed end, over which a third ferrule is made to slide, covering the joint and keeping it rigid when extended; suitable stops are provided to keep the sliding ferrule in position.

Mark I. tripods will, when altered in accordance with the above particulars, be described as Mark I.\*

For the present, altered tripods will only be issued to brigades of R.F.A. equipped with 5-inch B.L. howitzers. Officers Commanding these units will therefore put forward demands for the altered tripods to replace those now in their possession.

25th July 1904

26th Sept. 1904

54

Artillery

1887

1008

## NAVAL.

## (SECTION II.)

12467.—Ordnance, B.L.C., 5-inch,

Mark  $\frac{I.}{V.}$ Bracket, catch,  
breech mechanism  
lever. (Mark II.)N Steel, with 2 fixing  
screws, catch with  
bush, adjusting nut,  
spiral spring, nut, and  
keep pin.

17th Feb. 1904.

73

3

4949

With reference to § 10631 :—In future conversion of B.L. 5-inch Mark V. guns, the "Bracket, catch, breech mechanism lever," will be provided with an adjustable steel bush, and adjusting nut, generally similar to those for "Catch, retaining, breech mechanism lever," of B.L. 6-inch Marks VII. to VIII. guns (§ 12441), so as to ensure the striker of the electric and percussion lock making impact centrally with the primer in the cartridge.

The brackets will be described as Mark II.

Existing Mark I. brackets will, as they become unserviceable, be replaced by Mark II.

## (SECTION V.)

12468.—Detonator, torpedo,  
large flange, Mark II. N

No more to be made.

To be superseded by "Detonator, torpedo,  
small flange, Mark III."

Guncotton, dry—

Primer, torpedo, B,  
1 lb. 1 oz. .. .. N

To be exchanged for 'Guncotton, dry,  
primer, torpedo, C.'

Existing "B" torpedo primers to be con-  
verted.

29th Aug. 1904.

N.O.

15608

No more of the above-mentioned "Detonators, torpedo, large flange, Mark II." (§ 11482) will be provided, and as the existing stock is utilized by expenditure, or by condemnations due to their reaching the age limit of 5 years, they will be replaced by

1009

"Detonators, torpedo, small flange, Mark III.," which will be used with all pistols (S.F. and A.W.), as indicated in the details appended to nomenclature below. The Mark III. small flange detonator will also, in a similar manner, supersede the "Detonator, torpedo, 76 grains," mentioned in § 11482.

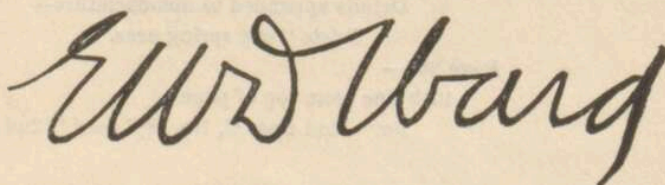
"Guncotton, dry, primers, torpedo, B" (§ 9670) will be exchanged for "C" torpedo primers, and any required by H.M. ships should be demanded from Ordnance Depôts. The "B" torpedo primers returned by H.M. ships may be retained in store if required to complete reserve of primers, but they will be sent to Woolwich for conversion when "C" torpedo primers are available.

Admiralty circular letter G. 13949/03, dated 15th December, 1903, has been issued to all concerned on the subject.

Consequent on these decisions, the details appended to nomenclature of the Mark III. small flange detonator (§ 11482), and the "C" torpedo primer (§ 9670), have been altered as shown below :—

Detonator, torpedo, small flange, Mark III. ....	C	77 grains, five in a tin cylinder ; for all pistols (S.F. and A.W.) in all torpedoes, 18-inch and 14-inch ; also for Brennan torpedoes.
Guncotton, dry— Primer, torpedo, C, 1 lb. 1 oz.	N	In case, 7 C and 1 E primers ; 18 - inch R.G.F. and Fiume (except short) ; 14-inch R.G.F. Marks X, X*, and XI. and Weymouth Mark I. torpedoes. Weight (dry) 1 lb. 1 oz.

By order of the Army Council,



WAR OFFICE,

1st November, 1904.

## ERRATA.

- Index. Page iii, 1st October, 1904—  
*For* "Instruments, fuze, &c., § 12407, page 948."  
*Read* "Implements, fuze, &c., § 12407, page 946."
- § 11282. Page 833, Vol. XXI.—  
 Mine cases, submarine mining. Drawing—  
*For* "Holding-down bolt—8 to each frame."  
*Read* "Holding-down bolt and nut—8 bolts and 4 nuts to each frame."
- § 12093. Page 655, Vol. XXII.—  
 Designation column of heading—  
*After* "Carts, sling."  
*Insert* "Limbers, sling wagon."  
 First line of text—  
*After* "carts," *insert* "limbers."
- § 12132. Page 691, Vol. XXII.—  
 Fifth line from bottom of page—  
*For* "2nd class C, No. 47," *read* "2nd class C, No. 210."
- § 12147. Page 706, Vol. XXII.—  
 Dimensions on drawing—  
*For* "3' - 0"," *read* "3'".
- 54  
 Artillery  
 1787
- § 12198. Page 746, Vol. XXII.—  
 Instructions—  
*Delete* sub-paragraph (2).  
*Insert* "(2.) Elongate the hole in the lower end disc and casing in an upward direction, to the dimensions shown, and fit the stop screw supplied."
- 27th Aug. 1904. § 12342. Page 877, Vol. XXII.—  
 Second line, third paragraph of text—  
*For* "Wolframium metal," *read* "an alloy of aluminium."
- 57  
 24  
 5613
- § 12395. Vol. XXII.—  
 Page 935—  
 Carriage, field, B.L., 15-pr, Mark V.—  
 Details appended to nomenclature—  
*Delete* "cap spring case."  
 Page 939—  
 16th line from top of page—  
*For* "2nd class C, No. 48," *read* "2nd class C, No. 209."

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